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News!

March 2023

On the Web: www.EAA80.org

Facebook: www.facebook.com/eaa80

Twitter: https://twitter.com/eaa_80

President's Corner



Bruce Mundie

Leadership Boot Camp is set for 14-15 April 2023. The chapter needs your help to make this event as successful as possible! We have three main jobs where volunteers are needed:

1. Clean-up, Set-up on Friday AM; Teardown on Saturday PM

2. Food Team: Coffee, Rolls and Doughnuts AM; Sandwiches, chips and drinks Lunch; afternoon snack

3. Transportation for fly-in participants: From Millard to hotel, to dinner, to event, and back to hotel and Millard

Please let me know if you want to lead one of the teams or even if you can just lend a hand.

We have a highly anticipated announcement on our 2023-2024 Ray Scholarship application; be at our March chapter meeting to get the scoop!

Thanks, and Fly Safe

Bruce

Miscellaneous Notes

Vice President

Bob Dyer

The presenter for the March 13 meeting will be Michael Jones talking all things hot air ballooning with Emerald City Balloon rides.

The current plan for the April 10 meeting is Owen Grimm from the FSDO FAASTeam presenting on maintenance and airworthiness.

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

Member Spotlight

Al Nelson



Hi! My name is Al Nelson. I'm your new chapter secretary. I was asked to write something to introduce myself, so here goes. I have been married to my beautiful wife Kim for 26 years. Together we have two children. Gabriel, age 20 and Bethany age 18. I have been serving in the title insurance industry since 2001. My wife Kim and I started our own title agency in 2017. I'm a licensed title producer, abstractor & notary. I'm a member of Nebraska Land Title Association, Escrow Association of Nebraska, Omaha Area Board of Realtors, Women's Council of Realtors, Omaha REIA, West O Chamber and Business Network International. I'm also a Christian blog writer. Ask me about cigar box guitars! I've lived in Omaha over 40 years being a graduate of Millard South High School, Class of 1987.

Now a little about my aviation interest. In the mid 90's I first became interested in experimental aviation when I stumbled across the Pietenpol Air Camper. I fell in love with the simplicity of the design, the history and the perceived ease of building. Like so many I was unable to pursue this passion at the time. Flash forward to 2021 when I saw an ad for the Icon A5. That ad reignited my passion for aviation and my desire to get my private pilot license. In January 2022 I joined EAA Chapter 80 and soon thereafter EAA national. I hope to begin flight lessons for my PPL this year. I want to thank Jim Beyer who set me up for an Eagle Flight last year. I believe it was Cole Dostal who was the pilot that took me up in their RV12. Thanks to Ken Bahr for showing me his Sonex project. I've also taken discovery flights at Millard and Council Bluffs to find out more about their flight programs. For the record, I still like the Pietenpol Air Camper, but also now enjoy and am caught between the RV12, Sonex and Zenith 650.

When the opportunity to volunteer as chapter secretary presented itself, I knew it would be a great way to meet others in the chapter and learn more about aviation. Thank you for allowing me to serve!

Membership

Rich Kolkman

New member to welcome:

- Doug Spurlock, Omaha
- Craig Fluckey, Plattsmouth
- Lisa McWilliams, Omaha
- Gary Vohnout, Omaha

We also had member Tyler Swanson announce that he was leaving Omaha for a new job in Chattanooga, TN.

Fly Outs

Mike Howard

We had two fly outs in February. One to Junction City KS where we ate at 2 Peaches southern food. Great catfish and fried chicken. Had 9 people and 7 airplanes.

Second fly out was to Lucas KS. We had 3 planes had 4 people.

We don't give up just 'cuz its still winter!

Calendar of Events

Mar 13, Chapter meeting, 7pm, Oak View Mall Able Ace

Apr 10, Chapter meeting, 7pm, Oak View Mall Able Ace

Apr 14-15, National Leadership Conference at Able Ace

May 8, Chapter meeting, 7pm, Oak View Mall Able Ace

Chapter meetings at KMLE resume in June

June 12, Chapter meeting, 7pm, Oracle Aviation

July 10, Chapter meeting, 7pm, Oracle Aviation

Jul 24-30, Air Venture 2023, Oshkosh

is \$9,864.02. Chapter dues can now be paid using a credit card with a \$1 surcharge.

Membership: Rich Kolkman reported that the membership is now at 125 Welcome new members over the past two months:

- Tiffany Theede, Creighton
- Deb Gangwish, Shelton, NE
- Douglas Guy, Omaha, NE
- Keith Hugo, West Point, NE
- Paige Hoffart, Papillion, NE

Fifty members have paid their 2023 dues; thirty-five do not have pictures for the directory; and twenty-three need to provide their EAA membership numbers. The sign-in sheets will no longer be used at the meetings.

EAA Chapter 80 Meeting Minutes

February 2023

The chapter meeting was held on February 13th at ABLE ACE, Oak View Mall, and called to order at 7 PM by Bruce Mundie.

Guests and New Members: Two guests attended: Gregg Miller and Dennis ??
New Members Lisa McWilliams and Doug Spurlock became dues paid members tonight.

Meeting Minutes: Meeting Minutes from January 9 were approved with no changes or modifications.

Treasurer's Report: The January treasurer's report was provided in the chapter newsletter and approved. The opening balance was \$10,072.91. The ending balance

Scholarship:

- Cole Dostal is the new scholarship chairman (absent).
- Bruce Mundie will be handling the Ray scholarships.
- Delaney, 2022 Ray scholarship recipient, reported passing her written exam with a 95% passing score. She was going to fly her solo cross country but was unable to do so due to a popped tire. She will try again this coming weekend.
- Scholarship amount has been increased to \$11,000

Tech Counselors: Bob Condrey held a Fiberglass Class February 4.

Young Eagles (YE):

Scott Pridie indicated YE flights will resume March 18th.

Other Dates are April 22, May 13, June 17, July 15, August 19, September 10 will be at



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Plattsmouth in conjunction with Harvest Days.
October 14, November 18.

Tools: Nathan Beyer is the new tools manager. Don Schelm donated a hydraulic Press.

Friends of EAA80:

- Burke High School's Andrew Brooks announced that their RV build kit has been unveiled. The tail and engine kits have arrived. The mechanics class with 8-9 students has begun the build. Doug Spurlock has been helpful.
- StemAha. Stem Day is Saturday 2/18 from 11-3 Oak View Mall. NASA Club will be in attendance as mentioned in the Omaha World Herald.

Builder Reports:

Bob Gilbert has submitted paperwork and is waiting for the inspection.

Builder Meeting: None scheduled.

Chapter Build:

Club RV 12 is making progress in Council Bluffs Airport.

Fly-outs: No report

Social Coordinator: Ed Kirker reported September 2, 2023 will be Stem Day at Millard. Also an aviation merit badge class is in the works.

IMC/VMC:

IMC meeting is every 2nd Thursday at Able Ace.

VMC meeting is every Second Tuesday at Revv Aviation (Council Bluffs airport).

Talk to Jim Beyer, Benji Cunningham or Jerome Howard

VP: Bob Dyer is looking for future speakers. "Keep the ideas coming!"

PRESIDENT:

The chapter officer elections were voted on and agreed to:

Secretary, Al Nelson; Scholarship, Cole Dostal; Tools, Nathan Beyer; and Web Content, Glen Roberts.

We will host the EAA National Leadership Conference April 15th at the Oak View Mall Able Ace facility. Bruce is looking for someone to arrange the no-host dinner on April 14th. He also needs a food lead for the Saturday breakfast and lunch at Able Ace. A team is needed to set up and tear down the Able Ace facility for the event. Please contact Bruce if you can volunteer.

The GlasStar project is to be transferred to the Able Ace facility January 28th from Glenwood Iowa.

Bruce is going to present the chapter hangar project to the Omaha Airport Authority screeners at the end of March. If you'd like to join him to help with the presentation contact Bruce.

Calendar:

Mar 13 Chapter meeting, 7pm, Oak View Mall Able Ace

Apr 10 Chapter meeting, 7pm, Oak View Mall Able Ace

Apr 15 National Leadership Conference at Able Ace Chapter meetings at KMLE resume in June

Jul 24-30 Air Venture 2023, Oshkosh

New Business:

The chapter voted for 6 camping spots for the 2023 at AirVenture OSHKOSH.

Mike Howard volunteered to fly to Oshkosh AirVenture with any new pilot who is nervous about flying into Oshkosh for the first time. He has flown in 20+ times so he has a little experience. Anyone who is interested can fly in with Mike in his RV-12 or in their own airplane. Contact Mike if interested. 402-677-8451.

RE The Metro Tech RV-12 kits, Bob Condrey is meeting with Metro Wednesday. He indicated the builds were a mess in various states of completion.

Internet WiFi at Oak View Mall, no decision has been made. It may be free to tenants.

Old Business:

Chapter Coffee Mugs and Koozies are in the works.

Announcements:

Rich Kolkman gave us a lesson on Email "Phishing" Awareness. Bruce Mundie is being impersonated. Please don't click on any links in these emails.

Congratulations to Glenn Roberts on passing and receiving his PPL certificate. He shared his recent experience of the loss of the alternator on a recent flight. His training with Cole Dostal helped him overcome and land safely.

A drawing was held for an EAA80 T-shirt and Chock Blocks.

Presentation: Bob Dyer presented on his trip to Minden, NV between April 2 and April 4, 2022. Minden is 60 miles South of Reno. He trailered his glider from Blair. He spoke about the "mountain waves", air currents that provided unique lift opportunities in that area for gliding. Stating the "air was silky smooth"

in the waves. He would glide at about 80 knots above 10k but below 18k MSL.

Next Meeting: The next chapter meeting is March 13th at the Oak View Mall Able Ace facility, 7pm.

→Koehler's Korner→



I have had a couple of calls this month on what value to torque various hardware items on our planes. Here are two easy sources, The Lycoming Direct Drive Overhaul

Manual and Advisory Circular 43.13-1B. There are many other sources, such as Mechanic Handbooks and various other manufacturers' manuals, but almost all of us will have AC43.13 or a Lycoming OH Manual. If you don't have these documents, free copies of both can easily be found on the internet.

One note of caution is needed here. Be sure to check the appropriate manufacturer's manual or kit manufacturers' manuals for recommended torque values. They should be used first and may be significantly different than the "book" values listed here for any of a variety of very valid engineering reasons.

So, here is the torque table from AC 43.13:

{Ed. I could insert the torque table here but you wouldn't be able to read it because the print shrinks too much. That said, if you want to see the table, go to AC-43.13B, dated 9/8/98, paragraph 7-43 Engine Bolts, Table 7-1, page 7-9.}

Note that it is broken down into fine thread (most of our AN type hardware) and course thread (often on engines and some accessories), and further separated into standard and shear nuts (thin for bolts only loaded in shear, like on a clevis). Shear nuts are much thinner than regular nuts. Note also that this table is for dry (not lubricated) threads that have been plated with cadmium for corrosion resistance (usually a pale golden color).

The torque tables in the Lycoming OH Manual cover several other items beyond just bolts, such as pipe (NPT) threaded fittings, crush washers, hose and tubing B-nuts, and studs. Note also that the threads are to be lubricated, not dry. Common lubricant can be most anything from engine oil to hydraulic fluid to WD-40!

{Ed. I could insert the Lycoming torque table here but you wouldn't be able to read it because the print shrinks too much. That said, if you want to see the table, go to Lycoming Service Table of Limits and Torque Value Recommendations, SSP-1776- 5-PT1, page 1-41.}

Notice that a torque wrench, properly calibrated and compensated for any extensions used, is needed to properly use these tables, except for the use of crush

washers. They are installed by a certain number of degrees of rotation after the sealing surfaces are in contact. I have seen them reused and tightened down to a thin wafer, definitely not a good practice. I try to keep the common use sizes on hand so that a fresh washer can be used whenever I need one for such items as the suction screen on the Lycoming oil sump, which should be cleaned every oil change.

I hope this little discussion on hardware torque values better build and maintain your plane and keep it in tip top shape.

Keep building, flying, and maintaining.

Dick
2/2023



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.

<u>EAA 80 MONTHLY TREASURER REPORT</u>		
Feb-23		
Opening Balance		\$10,716.93
DEPOSITS		
	Dues	\$575.00
	Ray Scholarship	\$2,000.00
EXPENSES		
	Oak View Rent	\$150.00
Ending Balance		\$13,141.93

Photos!

This and That



EAA 80 2023 Executive Board
L to R: Steve Farner, treasurer; Bruce Mundie, President;
Bob Dyer, Vice-President; Al Nelson-Secretary

Bob Dyer may look like he's wanting to ask a question, but he is actually presenting at the February meeting on his glider trip, and 6+ hours in the air, near Minden, Nevada on April 4, 2022.



The ANO RV-12 getting picked up from Duncan Aviation after getting a paint-job!

Photos!

This and That (cont.)

Bob Dyer with his glider at STEM day at the mall.



Jared Cook recently purchased Ben Gilbert's RV-9A. Enjoy the new ride!

Mike Stahl's RV-8 project. He has gotten the engine mounted and will be putting the main gear on next.



Upcoming Webinars

[Airframe Parachutes and Canopy Concerns](#)

Qualifies for FAA WINGS credit.
3/8/23, 7 p.m. CST
Prof. H Paul Shuch

[The Curtiss Jenny](#)

Museum Webinar Series
3/14/23, 7 p.m. CDT
Chris Henry

[Advanced Skew-T Concepts](#)

Qualifies for FAA WINGS credit.
3/15/23, 7 p.m. CDT
Dr. Scott Dennstaedt

[EAA Learn to Fly Week – Hosting a Chapter Flying Start Event](#)

Chapters Webinar Series
3/16/23, 7 p.m. CDT
David Leiting

[EAA Chapters Insurance and Risk Management](#)

Chapters Webinar Series
3/21/23, 7 p.m. CDT

[Caution: Helicopter Wake Turbulence!](#)

Qualifies for FAA WINGS credit.
3/22/23, 7 p.m. CDT
Ned Parks

[Airborne Medical Emergencies: How to Act as the PIC](#)

Qualifies for FAA WINGS credit.
3/29/23, 7 p.m. CDT
Ken Solosky

[Task-Based Phase I Flight Testing](#)

Qualifies for FAA WINGS credit.
4/4/23, 7 p.m. CDT
Tom Charpentier

[Ethics of Misdiagnosis](#)

Qualifies for FAA WINGS and AMT credit.
4/5/23, 7 p.m. CDT
Mike Busch

[The History of Steve Wittman](#)

Museum Webinar Series
4/11/23, 7 p.m. CDT
Chris Henry

[The Nine Principles of Light Airplane Flying](#)

Qualifies for FAA WINGS credit.
4/12/23, 7 p.m. CDT
Rich Stowell

[Planning for International Young Eagles Day](#)

Young Eagles Webinars Series
4/18/23, 7 p.m. CDT
David Leiting

[VNAV and Visual Approaches: Helpful or Hidden Dangers?](#)

Qualifies for FAA WINGS credit.
4/19/23, 7 p.m. CDT
Gary Reeves

[All About Flying to the Bahamas, Caribbean, and Cuba](#)

Qualifies for FAA WINGS credit.
4/26/23, 7 p.m. CDT
Jim Parker

[Booted Out of Annual!](#)

Qualifies for FAA WINGS and AMT credit.
5/3/23, 7 p.m. CDT
Mike Busch

[Stop Dreaming and Start Flying – Flight Training First Steps](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/15/23, 12 p.m. CDT
EAA Staff

[Flight Simulators 101 - Leveraging a Home Simulator for Flight Training](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/15/23, 7 p.m. CDT
Chris McGonegle

[How to Pass the Private Pilot FAA Written Test in Less Time](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/16/23, 12 p.m. CDT
Bret Koebbe

[How to Save Time and Money in Flight Training](#)

Learn to Fly Week Webinar
5/16/23, 2 p.m. CDT
Larry Bothe

Upcoming Webinars

(continued)

[Getting Back into the Left Seat – No Matter How Long It's Been](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/17/23, 12 p.m. CDT
Jamie Beckett

[Getting Started in Ultralights](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/17/23, 2 p.m. CDT
Timm Bogenhagen

[Pass Your Checkride \(Part 1 of 2\) – The Oral](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/17/23, 7 p.m. CDT
Larry Bothe

[Preparing to Attend a Flying Start Event](#)

Learn to Fly Week Webinar
5/18/23, 12 p.m. CDT
David Leiting

[Pass Your Checkride \(Part 2 of 2\) – The Practical Exam](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/18/23, 7 p.m. CDT
Larry Bothe

[FAA Medical Certification and You](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/19/23, 12 p.m. CDT
Tom Charpentier

[Conquer the Checkride: Strategies for a Successful Practical Test](#)

Qualifies for FAA WINGS credit
Learn to Fly Week Webinar
5/19/23, 2 p.m. CDT
Loren French

These are the current webinars listed on eaa.org.

Please check the site at:

www.eaa.org/en/ea/news-and-publications/ea-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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