



President

Bruce Mundie
703-405-7817
president@eaa80.org

Vice-President

Bob Dyer
402-740-9309
vicepres@eaa80.org

Secretary

Al Nelson
secretary@eaa80.org

Treasurer

Steve Farner
402-690-8751
treasurer@eaa80.org

Membership Coordinator

Rich Kolkman
402-616-9891
membership@eaa80.org

**Tech Counselors/
Flight Advisors**

Mike Howard
402-991-0403
&
Bob Condrey
402-651-0402
tech-counselors@eaa80.org

**Young Eagle
Chair**

Scott Pridie
youngeagles@eaa80.org

Newsletter Editor

Chris Halfman
402-618-3148
newsletter@eaa80.org

Web Editor

Glen Roberts
webmaster@eaa80.org

News!

February 2024

On the Web: www.EAA80.org

Facebook: www.facebook.com/eaa80

Twitter: https://twitter.com/eaa_80

President's Corner



Bruce Mundie

The cold spell seems to be over and the winter doldrums are here. Excellent time to work on your airplane projects. Fire up the heater and get to building!

Our chapter officers have volunteered for another year of service, please thank them! Please look ahead to 2025 and see if there is room in your schedule to take on a leadership position in EAA 80 in 2025. The chapter needs your leadership!

Please attend our meeting on February 12 at the Oak View Mall to hear Pat Ackerman talk about his plans for the North Omaha Airport. Also, come and see our new Kitfox chapter project donated by member Nathan Andrick. On the scholarship front there is a possible pilot training scholarship endowment and a possible advanced ratings scholarship. Stay tuned for more information.

Member Hague Howey is hosting Aviation STEM Day in the Oak View Mall on 17 February starting at 11:00 am. He has commitments from dozens of regional aviation companies and schools. Please plan on attending!

The Offutt Air Show returns 24-25 August 2024! I would like to plan for an EAA 80 display to highlight our organization and general aviation. Please plan on attending with your homebuilt aircraft!

A busy chapter is a happy chapter. Look for a very active 2024!

Thanks, and fly safe!

Bruce

Miscellaneous Notes

Vice President

Bob Dyer

Pat Ackerman will be the February 12 presenter. He will be presenting about the big improvements and plans for the North Omaha airport.

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

Membership

Rich Kolkman

New Members to report:

- Dustin Babb, Bennington

2024 Membership Dues

- Membership dues are due (\$25/adult, \$15/student) 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.
- Thank you to those who have reviewed and requested updates to their member profile. Edits have been incorporated into our new membership roster tool.
- The latest membership directory was emailed to everyone February 3. As always, we'd appreciate receiving a photo of you for the directory if we don't yet have one. Email photo's to membership@eaa80.org.

Calendar of Events

February 12 Chapter 80 Meeting - Pat Ackerman, North Omaha improvements at ABLE / ACE, 7 pm.

Tentative Young Eagles dates:

March 16

April 13

May 18

June 15

July 13

August 17

Sept TBD

October 19

EAA Chapter 80 Meeting Minutes

January 2024

The January meeting was canceled as a result of inclement weather. Please see this area next month for the February minutes.

Social Coordinator

Ed Kirker

I am looking forward to 2024 and the Plattsmouth picnic in September and a Holiday Party in December. We need a new Social Chair to head up these events and manage refreshments for the meetings. Anyone interested, please let an officer know.

→Koehler's Korner→



I get a lot of questions on regulatory stuff, like “How do I get a Repairman's Certificate?,” or “I lost the paperwork. What do I do?,” or “How do I register my Homebuilt?”

The answers to all the questions are technically in the Federal Aviation Regulations, which used to be abbreviated FARs. However, about 30 years ago when many parts of our federal government had no codified system for buying things, the bureaucracy they finally decided that they needed was a standardized process, so they adopted the Defense Acquisition Regulations (DAR) and changed the name to FAR, and then told the FAA to change their acronym. At that time, the FAA FAR became Title 14, Code of Federal Regulations, or Title 14 CFR, or simply 14 CFR. These are the actual federal laws that we build and fly by, such as Parts 21 (Certification) and 91 (Operation).

To explain the laws, the FAA issues Advisory Circulars (ACs). These ACs are not mandatory and do not constitute regulations. However, they do describe an acceptable means, but not necessarily the only means, to comply with the laws. In our case, one of the most useful ACs is 20-27G, titled Certification and Operation of Amateur-Built Aircraft. The first major section lists some fourteen major items in the AC, including “What to do and know before building an amateur-built aircraft...”, to “Identifying and marking...”, to “FAA inspection...”, “Flight testing...”, “Amateur-built aircraft built outside the US...”, and “Becoming a Repairman for your amateur-built aircraft...”. Again, the process laid out is not the only way to do things but is usually the most expedient.

Another very handy AC is 43-13-1B/-2B. This is actually two ACs bound together, the first being “Acceptable Methods, Techniques, and Practices for Aircraft Inspection and Repair.” The second is “Acceptable Methods, Techniques, and Practices for Aircraft Alteration.” I have found both of these to be extremely useful as references when building

a homebuilt. There are great explanations for construction and repair, such as installing hoses and tubing, electrical systems, and antennas, just to name a few.

A last thought on ACs is that they do not have indices and often do not have a table of contents. So, sometimes finding exact info takes a bit of time. On the other hand, if you follow the process listed, the FAA should not have a problem with your work/product.

Back to documents that explain the paperwork process, one other stands out. It is FAA Order 8310.2J titled “Airworthiness Certification of Aircraft”. Think of FAA Orders as procedure manuals that apply to both us and the FAA personnel we may be dealing with. If you follow the procedures listed in the Order, you have a very high probability of successfully completing the process with the FAA. 8310.2J Chapter 4 covers Special Airworthiness Certificates which includes the Experimental Certificates that covers our Amateur-Built aircraft, the proper term that the FAA uses for our homebuilts. By the way, this order also covers Primary Category and Light Sport Aircraft (LSA). It also covers all the other Experimental categories that you might end-up in such Air Racing, Exhibition, and Market Surveys. Chapter 15 is titled “Experimental Purpose of Operating Amateur-Built Aircraft,” Chapter 16 is “Experimental purpose for Primary Kit Built Aircraft,” and Chapter 17 is “Experimental purpose of Operating Light-Sport Aircraft.” Chapter 18 is “Special Flight Permits,” and Chapter 20 is “Import Aircraft.”

I most strongly recommend that you take the time to read the applicable sections of 20-27G and 8310.2J, particularly the section on what to do prior to starting a homebuilding project or buying a used homebuilt. Knowledge can be a powerful tool to help you avoid pitfalls that could become extremely expensive.

Hope this little tutorial helps you better understand the systems in your plane. Keep building, flying, and maintaining.

Dick
01/2024:

The Rex Ekwall Memorial Scholarship



EAA Chapter 80 and the Ekwall family are pleased to announce the creation of The Rex Ekwall Memorial Scholarship. This annual aviation scholarship is funded by the generous support of the Ekwall family and managed by EAA Chapter 80.

The scholarship provides up to \$10,000 annually to deserving youths for their flight training expenses. Key components of the program will be the awarding of flight training scholarships for glider pilot, sport pilot, or private pilot training; full engagement of the EAA chapter network to identify and mentor scholars; and the continued engagement and tracking of scholars throughout the flight training process.

Rex Ekwall was a lifelong Nebraska resident who passed away in the Fall of 2022. He co-founded the Clugston-Ekwall Oil Company in 1963, later named Rite Way Oil & Gas Company when he became the sole owner in 1978. He owned and supplied over 40 convenience stores across Nebraska, Iowa, and South Dakota. He also provided fuel to many of his friends in the oil business (such as Kwik Shop and Gas-N-Shop).

His passion for aviation began in the mid-1970s when he began flying lessons at the Millard Airport. Soon after earning his Private Pilot's license, he purchased his first plane, a Piper Arrow. The Arrow was a very useful business tool that allowed him to visit many of his convenience store locations in single day.

In 1977 he traded for a Piper Lance. Shortly after that he upgraded to a Piper Malibu.

His passion for aviation extended well beyond his business. He also flew to most Nebraska away football games with his family, visited his grandkids frequently, and was a very active member of Angel Flight Central. This organization provides free flights to those needing transportation for medical reasons.

He was the 14th most active pilot in Angel Flight's history. He conducted 166 flights that translated into over 40,000 nautical miles! He was very active with fundraising and community outreach. In fact, when he retired from aviation in 2013 (after accumulating 8,000 hours of flight time), he continued to drive Omaha Angel Flight passengers to the airport in his car.

Rex excelled on the basketball court and baseball field, playing for Nebraska, and on the All-Army and All-Service teams. In his last year in the Army, Rex coached the All-Army Basketball Team. During Rex's time at Nebraska, he set the school record in basketball for career rebounding average, collecting 679 in 65 games, a record that still stands today.

Rex was inducted into the Nebraska High School Sports Hall of Fame, Nebraska Basketball Hall of Fame, and is the second winner of Nebraska's Hall of Fame's Distinguished Alumni Award, given to a former player and Hall of Fame member who has been a positive force in the state and local community after his playing career.

Rex valued honesty and integrity and lived his beliefs. Rex worked collaboratively with others in his trade and would always take the time to meet with anyone seeking professional guidance. Rex ran his businesses the way he lived, with the highest degree of moral excellence.

Rex was a humble philanthropist and was well known for his immense generosity through various charitable programs. He was active in the Nebraska Teammates Program, Faith Westwood United Methodist Church, Rotary Club, and Lions Club, and was the second founding member of Oak Hills Country Club.

The Ekwall family wanted to continue this philanthropy and recognize Rex's love for aviation. This annual scholarship provides a mechanism for Rex's passion for aviation to

continue by helping young aviators become pilots. In addition to sparking a passion for aviation, this will help youths and young adults learn valuable life skills along the way.

CENTRAL CYLINDER

SERVICE

AIRCRAFT ENGINE REBUILDERS

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

©2020 Central Cylinder All Rights Reserved 6315 Lindbergh Dr. Omaha, NE 68110 | (402) 451-6468 | ccs@centralcylinder.com

<u>EAA 80 MONTHLY TREASURER REPORT</u>	
Jan-24	
Income	
Member Dues	\$373.48
TOTAL INCOME/RECEIPTS	\$373.48
Expenses	
Oak View Rent	\$150.00
TOTAL EXPENSES/OUTFLOWS	\$150.00
Assets	
RV 12 Project	\$13,000.00
Glstar Project	\$25,000.00
Shirt Inventory (est)	\$500.00
Checking Account Balance	\$63,028.99
Venmo Balance	\$2,245.39
TOTAL Assets	\$103,774.38

WE ARE A FULL SERVICE FBO

- Maintenance & Parts
- Avionics Part 145 Repair Station
- AvGas, Jet A
- Aircraft Rental

- Flight Training
- VA Approved Flight Training
- 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



Photos!

Kitfox Kit Relocation

Saturday, February 3, members of Chapter 80 relocated the Kitfox project from a storage unit to the ABLE ACE. Good job, guys!



Upcoming Webinars

F-86 Sabre

Museum Webinars Series

Tuesday, February 13, 7 p.m. CST

Chris Henry

Mental Health and FAA Medical Certification

Qualifies for FAA WINGS Credit

Thursday, February 15, 7 p.m. CST

Tom Charpentier

Maintaining Insurability

Wednesday, February 28, 7 p.m. CST

Tom Turner

Hosting a Flying Start Event 101

Tuesday, March 5, 7 p.m. CST

Unleaded AVGAS -- Cure or Curse?

Qualifies for FAA WINGS and AMT Credit

Wednesday, March 6, 7 p.m. CST

Mike Busch

Swallow and Travel Air

Museum Webinar Series

Tuesday, March 12, 7 p.m. CST

Chris Henry

Jumpers Away! Seeing and Avoiding Skydivers

Qualifies for FAA WINGS Credit

Wednesday, March 13, 7 p.m. CST

Fueling V F T - Learning from Mistakes to Prevent a Tragedy

Qualifies for FAA WINGS Credit

Wednesday, March 20, 7 p.m. CST

Keith Clark

Young Eagles Rally Planning 101

Tuesday, March 26, 12 p.m. CST

Lessons from a Performance Chart

Qualifies for FAA WINGS Credit

Wednesday, March 27, 7 p.m. CST

Catherine Cavagnaro

These are the current webinars listed on eaa.org. Please check the site at:

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

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



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:	N-NUMBER:	<input type="text"/>
AIRCRAFT BUILDER? [<input type="checkbox"/> Yes <input type="checkbox"/> No] TYPE:	% COMPLETE:	<input type="text"/>
AIRPORT BASE:	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

FOR MORE INFORMATION:

MEMBERSHIP@EAA80.ORG
WWW.EAA80.ORG
WWW.FACEBOOK.COM/EAA80
TWITTER: @EAA_80