

**President**

Bruce Mundie  
703-405-7817

[president@eaa80.org](mailto:president@eaa80.org)

**Vice-President**

Bob Dyer  
402-740-9309

[vicepres@eaa80.org](mailto:vicepres@eaa80.org)

**Secretary**

Craig Tylski

[secretary@eaa80.org](mailto:secretary@eaa80.org)

**Treasurer**

Steve Farner  
402-690-8751

[treasurer@eaa80.org](mailto:treasurer@eaa80.org)

**Membership Coordinator**

Bob Condrey  
402-651-0402

[membership@eaa80.org](mailto:membership@eaa80.org)

**Tech Counselors/****Flight Advisors**

Mike Howard  
402-991-0403

&

Jerry Ronk  
402-980-8973

&

Bob Condrey  
402-651-0402

[tech-counselors@eaa80.org](mailto:tech-counselors@eaa80.org)

**Young Eagle  
Chair**

Scott Pridie

[youngeagles@eaa80.org](mailto:youngeagles@eaa80.org)

**Newsletter Editor**

Chris Halfman  
402-618-3148

[newsletter@eaa80.org](mailto:newsletter@eaa80.org)

**Web Editor**

Dale Botkin  
402-676-4086

[webmaster@eaa80.org](mailto:webmaster@eaa80.org)

# News!

## August 2021

On the Web: [www.EAA80.org](http://www.EAA80.org)

Facebook: [www.facebook.com/eaa80](https://www.facebook.com/eaa80)

Twitter: <https://twitter.com/ea80>

### President's Corner

By Bruce Mundie



Please help us inaugurate our new airplane building facility and education center! August 6th at the Oak View Mall, 5:30 pm to 6:30 pm. There will be an open house, short ribbon cutting, and refreshments. The who's who of aviation in Omaha, Lincoln, and Council Bluffs have been

invited. Also, local High Schools and aviation education groups will be attending too. Please make plans now to attend.

Our Ray Scholar is post solo and tearing up the private pilot syllabus! Patrick is starting his cross county phase of training and he is doing great. He is ahead of schedule and with a little luck, he will be EAA 80's first completed Ray Scholar in May 2022.

August and September are full of great EAA 80 activities. Young Eagles, Harvest Fest, ABLE ACE education and aircraft building, and weekly fly outs. There are plenty of opportunities to participate!

Remember our August meeting will be at the Oak View Mall. The Mall doors are locked at 7:00 PM, so plan on getting into the Mall before 7:00. However, we can stay in the Mall until the meeting is completed. Remember to bring your own chair!

Thanks and fly safe!

Bruce



## August Meeting Location!

As noted immediately above and in the July meeting notes, the August 9 meeting will be held at the ABLE ACE @ Oak View Mall, 7 PM.

Don't forget to bring a chair!

## Annual Chapter Picnic

Ed Kirker

The annual summer picnic will be held at the Plattsmouth Airport September 12 starting at 12:00 PM at Kevin Faris' hangar, #6. *(shown in photo at right.)* The picnic will be held rain or shine.

Please bring a side dish to share, such as salad, veggie, chips, or dessert.

The hamburgers, brats, buns, and condiments will be provided by the chapter.

I would appreciate a couple of cooks and volunteers for setup and tear down before and after.

This is held in conjunction with the breakfast fly-in and Young Eagles rally. All pilots that fly in eat free at the breakfast.

Come one and all for some fun and good conversation!

## EAA Chapter 80 Meeting Minutes July 2021

The chapter meeting was held on July 12<sup>th</sup> at Oracle Aviation. The meeting was called to order at 7 PM by President Bruce Mundie. The presentation was done first in order for the presenters to leave earlier.

**Guests and New Members:** Hague Howey was introduced. He is active in drones and supporting STEM day.

**Meeting Minutes:** The June 2021 minutes were not available in final format and thus not sought for approval.

**Treasurer's Report:** Steve Farner's treasurer report was reviewed for June. The opening balance was \$12,326.98. Chapter receipts totaled \$260.00 (dues & misc). Chapter expenses were \$24.95 (food & drink). The ending balance is \$12,562.03. The report was approved. Steve reported that mall rent will be coming due soon.

**Membership:** Bob Condrey was heading out to Oshkosh, but it was reported by Bruce Mundie that membership is up 10%. Some dues are still owed. If you want to get on the Chapter email listings contact Bob.



**Scholarship:** Mike Howard mentioned that our Ray scholarship winner, Patrick Solinski had his first solo last week. Patrick gave us a short briefing on his first solo, which appeared to go very well.

**Tech Counselors:** Nothing new.

**Young Eagles:** Scott Pridie stated the YE event scheduled for this Saturday, July 17<sup>th</sup> has been canceled. Only a couple pilots and a few youth were available. To date we have flown 51 kids. The next YE flight will be August 14<sup>th</sup>. Bruce indicated he may come out this weekend and fly a

couple of kids. Coming up for YE flights: Aug 14, Sep 4 (STEM), and Sep 12 (Plattsmouth).

**Tools:** No change.

**Builder Reports:**

Greg Ross has received his finish kit and has paid for the power plant and avionics kits for the RV-12is.

Rich Kolkman received the kit for his KitFox Supersport7.

**Builder Meeting:** none scheduled

**Chapter Build:** The chapter Zenith project has been moved to the Oak View Mall where we hope to finish it within a year. We have a one year contract for the 4,000 sf facility but can leave at any time. The rent is \$150/month, including utilities. There is room for up to four build projects and space for a classroom.

**Fly-outs:** Mike Howard has a fly out scheduled for this Saturday to fly to Lincoln Co. SD (Y14) (aka Tea SD, south of Sioux Falls).

**Social Coordinator:** Ed Kirker confirmed the next social event is the Plattsmouth (Harvest Day) EAA 80 picnic with YE flights on Sunday September 12<sup>th</sup>. There is an Eagles breakfast (free to pilots flying in up until 11am) and we will do lunch at noon at Kevin Faris' hangar.

**VP:** The Omaha Police and their drone squad will be here August 9<sup>th</sup>. Dave Greer will be back September 13<sup>th</sup> on the B52 and Desert Storm.

**PRESIDENT:**

- Bruce suggested our next meeting be at the Oak View Mall build site. This was approved and all are suggested to bring their own chairs.
- Bruce said he'd have drawings at the open house for the chapter 10-year plan to build a hangar.
- We have 15 student members now. They have reduced membership dues.
- National liked our ABLE ACE project name.

**Calendar:**

Aug 9, Omaha Police Drone Squad@ ABLE ACE (Oak View Mall)

Aug 14, YE flights, KMLE

Sept 4, STEM Day, KMLE

Sept 12, YE, chapter picnic (Plattsmouth)

Sept 13, Chapter meeting, Oracle Dave Greer presenting

**Old Business:**

- Bruce talked about the Oak View Mall location. Bruce has ordered banners for the site and two will come from EAA national. The build site is in need of trash cans, garbage bags, paper, etc... anything to help clean up. Mike Howard also suggested a vacuum cleaner, large trash containers and broom. Chris Beran has volunteered to cut vinyl for the windows.
- Bruce is looking for someone to volunteer to be the mall build-site facility manager. Please contact him if interested.
- The ABLE ACE open house and ribbon cutting ceremony at the mall is August 6<sup>th</sup> at 5:30. Some light hor d'oeuvres may be available. Jim Beyer may be bringing the Aviation Nation RV-12 for display. There may also be a Vans Aircraft and Zenith Aircraft display.

**New Business:** No new business.

**Announcements:** Haig Howe spoke about STEM day on September 4<sup>th</sup>, a STEM aviation educational space at the mall, and other items.

**Raffle Drawing:** No raffle drawing

**Presentation:** Jeremy Strack and Josh Emhovick from the Nebraska State Patrol showed up in the Bell 407 police helicopter. Jeremy gave a presentation on their mission, aviation resources, and special equipment they use to do their job. He also showed some videos of police pursuit missions they've been on. Afterward we took time to look at the helicopter and watch them takeoff.

**Next Meeting:** The next meeting is August 9<sup>th</sup> at the Oak View Mall Zenith build site, at 7pm. Bring a chair.

# EAA 80 Calendar of Events

- Aug 9, Omaha Police, Drone Squad@ ABLE ACE (Oak View Mall)
- Aug 14, YE flights, KMLE
- Sep 4, STEM Day, KMLE
- Sept 12, Young Ealges, chapter picnic (Plattsmouth)
- Sept 13, Chapter meeting, Oracle Dave Greer presenting

## Technical Advisor

### Koehler's Korner



I had my 75th birthday recently. Does not seem like my mind and body fit that number, but so be it. This month I have a short story on an aircraft maintenance mistake. It is presented in the spirit of learning from the error to make flying safer. The owner will remain anonymous.

The story involves a Piper Lance with the 300 hp version of the Lycoming IO-540 engine. Like other Lycomings, it has an oil filter mounted horizontally on the back of the upper accessory case. I have developed a technique that allows removal of an old filter without spilling all the old oil that is trapped in the filter. The old oil runs down the back of the engine and can be a bear to clean without a mineral spirit wash-down, which raises other environmental issues these days. I avoid this mess by punching a hole in the top of the filter with a pick and then blowing shop air in the hole. Doing this three or four times spaced about five minutes apart will remove 95% of the oil and seriously minimize the oily mess on the back of the engine. My friend with the Lance saw this and tried to do it himself the last time he changed his own oil. He blew out the filter, with some success, removed it, and installed the new filter and oil.

He then had a long trip and did not have time

to open and inspect the old filter, so 12+ flight hours later, he finally had the time to cut open the old filter and discovered the magnetic particles in the filter shown in the attached picture.



Needless to say, this got his attention. He immediately sent me a copy of the picture and asked for advice. I wracked my brain for ideas on what would cause this type of damage inside the engine. Did someone drop a washer in the oil system? It was hard to believe since the engine had about 1200 hours on it and no major recent work. I suggested opening the new filter with the 12 hours on it to see what was present. To our amazement, it was totally clean! To our relief, it was totally clean! But, what happened to cause the metallic particles in the old filter?

At this point, the owner fessed-up that he did not have a pick to put the hole in the filter. He tried a small Phillips head screwdriver, and it would not punch through, so he drilled a hole with his step drill! Yep, the step drill had pushed the shavings of the steel oil filter can into the filter element, resulting in the false contamination of the filter. Mystery solved. Huge sigh of relief heard from the owner.

Moral of the story, only punch holes and never saw open or drill an old oil filter can. Second moral is to never panic with only one set of illogical evidence.

I hope this helps you service your plane smarter and safer.

Keep building, flying and maintaining.

Dick 07/2021

Re-published with permission of Dick Koehler, EAA 186



## 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](http://www.oracleaviation.com)



### EAA 80 MONTHLY TREASURER REPORT

Jul-21

#### Checking

Opening Balance \$12,562.03

#### **DEPOSITS**

7/8/2021 EAA Scholarship \$4,000.00  
7/16/2021 Dues \$575.00

#### **EXPENSES**

July Rent ABLE/ACE \$150.00  
August Rent ABLE/ACE \$150.00  
Oracle (EAA Scholarship) \$4,000.00

Ending Balance \$12,837.03

#### Asset Accounting

<u>Date</u>	<u>Item</u>	<u>Value</u>	<u>Date</u>	<u>Item</u>	<u>Value</u>
6/17/2020	T-Shirts	\$125.00	5/22/2020	Zenith 750 Proj.	TBD
7/13/2020		\$100.00			
8/10/2020		<u>\$25.00</u>			
Total		\$250.00			

# 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](mailto:ccs@centralcylinder.com)

# Photos

Photos from the July meeting presentation by the Nebraska State Patrol out of Lincoln.





# Upcoming Webinars

## [Homebuilt Highlights from AirVenture](#)

Homebuilders Webinar Series

8/3/21, 7 p.m. CDT

Marc Cook

## [Misfueled with Jet A](#)

Qualifies for FAA WINGS and AMT credit.

8/4/21, 7 p.m. CDT

Mike Busch

## [Bugatti 100P: One of a Kind](#)

Museum Webinar Series

8/10/21, 7 p.m. CDT

Bob Havens

## [Runway Directional Control](#)

Qualifies for FAA WINGS credit.

8/11/21, 7 p.m. CDT

Tom Turner

## [Alluring Figures in Aerobatics: What the Rules Say, What Judges Like, and What Pilots Do](#)

Qualifies for FAA WINGS credit.

8/17/21, 7 p.m. CDT

DJ Molny

## [How to Become a CFI](#)

Qualifies for FAA WINGS credit.

8/18/21, 7 p.m. CDT

Radek Wyrzykowski

## [Tundra Tires Rule: Alaska Style](#)

Qualifies for FAA WINGS credit.

8/25/21, 7 p.m. CDT

Laura Herrmann

## [Machine Learning](#)

Qualifies for FAA WINGS and AMT credit.

9/1/21, 7 p.m. CDT

Mike Busch

## [Avoiding Carburetor Icing - A Cool Pilot's Guide to Carb Heat](#)

Qualifies for FAA WINGS and AMT credit.

9/8/21, 7 p.m. CDT

Prof. H. Paul Shuch

## [Air Racing History - Part 2](#)

Museum Webinar Series

9/14/21, 7 p.m. CDT

Connor Madison

## [Buying Your First Aerobatic Airplane](#)

9/21/21, 7 p.m. CDT

Budd Davisson

## [Flying With the iPad — Your Digital Co-Pilot](#)

Qualifies for FAA WINGS credit.

9/29/21, 7 p.m. CDT

Bret Koebbe

## [Preventing VFR Into IMC: Using Your Personal Weather Minimums](#)

Qualifies for FAA WINGS credit.

10/20/21, 7 p.m. CDT

Dr. Scott Dennstaedt

These are the current webinars listed on [eaa.org](http://eaa.org).

Please check the site at:

[www.eaa.org/en/ea/news-and-publications/ea-webinars](http://www.eaa.org/en/ea/news-and-publications/ea-webinars) to see if there are other webinars available.

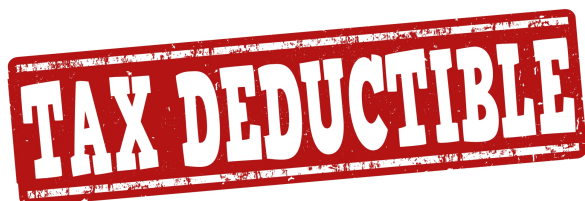
*EAA Chapter 80 is classified as a Non-Profit Charitable Organization per section 501(c)3 of the Internal Revenue Code. As a result, we are eligible to receive tax-deductible contributions in accordance with Code section 170.*

*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](http://eaa80.org) or contact an office to inquire about making a tax free donation.*



Mail checks to:  
 Bob Condrey  
 1105 Kountze Memorial Dr.  
 Bellevue, NE 68005

## EAA CHAPTER 80

### 2021 APPLICATION FORM

www.eaa80.org  
 www.facebook.com/ea80  
 Twitter: @EAA\_80

CONTACT INFORMATION									
NAME					EAA NUMBER				
ADDRESS									
CITY, ST, ZIP									
SPOUSE NAME									
HOME PHONE					CELL PHONE				
E-MAIL ADDRESS									
PROFESSION							RETIRED		

MEMBERSHIP PROFILE									
OWNED ACFT					N-NUMBER				
ACFT BUILDER	TYPE:					COMPLETE %			
PILOT LICENSE									
AIRPORT BASE			HANGAR #						
EMAIL GROUPS	FLY-OUT		BUILDERS		YOUNG EAGLES				
PUBLISH INFORMATION IN CHAPTER DIRECTORY				HAVE A NAME TAG		YEAR JOINED CHAPTER 80			
YOUNG EAGLE VOLUNTEER			YOUTH PROTECTION TRAINING CURRENT						

OFFICE USE: (DUES \$25 PER YEAR)									
2021		2022		2023		2024		2025	
PAYMENT	TYPE			AMOUNT			DATE		

Last updated: 1/3/2020