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News!

September 2020

On the Web: www.EAA80.org

Facebook: www.facebook.com/eaa80

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Notes from the President

By Bruce Mundie



Is there a light at the end of the COVID-19 tunnel? Maybe. A positive indication is the fact that EAA 80 hosted a “micro” Young Eagles event on 15 August. By all accounts it went very well and I am pretty sure that we did not add to the total number of COVID cases in the state

of Nebraska!

Immediately after the event I got a letter from one of the parents of a Scout. The letter was great on two counts: one that it was a thank you letter to the chapter and all of its volunteers; second, she reported that her son came away with a “new-born confidence in himself and an interest and appreciation for aviation.” I was well pleased at her comments and reminded myself that this is why we host Young Eagles events.

Another positive note is that there have been a few more sponsored fly-in events. Hartington and Fremont both hosted charity fundraiser events that were attended by EAA 80 members and aircraft. I made quite a few contacts at the Fremont fly-in and the airport folks (Scouts and Civil Air Patrol) are interested in teaming up with EAA 80 sometime next summer for a combined fly-in, pancake feed, and Young Eagles event.

2020 might be the summer that we don't get back because of COVID. However, 2021 is beginning to look like a great year to be a member of EAA 80!

Bruce

EAA Chapter 80 Meeting Minutes August 2020

The chapter meeting was held on August 10th at Oracle Aviation as well as via Zoom On-Line Meeting. The meeting was called to order at 7 PM by President Bruce Mundie.

Two guests were present, Sam and Jeff. Sam flew more than 10 years ago and they both attended Oshkosh AirVenture last year.

Meeting Minutes: The July 2020 minutes were approved.

Treasurer's Report: Bob Cartwright's treasurer report was presented for August. The opening balance was \$13,764.81. Chapter receipts totaled \$175.00 (dues, and T-shirt sales). Expenses were zero. Ending balance on the report was in error due to an erroneous receipt listed. The correct ending balance is \$13,939.81. The report was approved as corrected.

Membership: Bob Condrey was present on Zoom. There are 110 total members, with dues paid by 81 members (29 have not paid for 2020). There are 36 members that have not had their pictures taken for the directory, 20 members have not provided their EAA membership numbers, and 4 members that have not provided email addresses. Contact Bob if you want to be included on the E-Mail lists (General, Young Eagle, Fly Out). A new chapter roster was emailed out on July 12th.

Tech Counselors: Mike Howard spoke on two subjects.

- Mike is donating to the chapter a wheel balancing tool that he designed, Bob Condrey helped build, and used on his RV12 nose wheel. The wheel is slipped

over the aluminum tube and hung from a cable attached within the tube. When the cable is centered in the tool the tire is in balance. Mike prefers to use a cut piece of rubber glued inside the tire thread to achieve balance. This keeps the weight down and used instead of heavier metal weights attached to the wheel rim.

- Mike participated in an EAA Webinar on stuck valves (Lycoming engines). These valves are sodium cooled and hollow. When low leaded fuel combusts it can create cool spots on the valves after initial startup and can cause the valve stems to stick. After the engine is warmed up the condition goes away. The recommendation to avoid sticking valves is to aggressively lean the engine on the ground (almost to the point of shut down) and to make sure the CHTs don't get too cool (350-400 desired).

Young Eagles: Scott Pridie stated that a small limited group of Boy Scouts will be flown this Saturday, August 15th. The next YE event is September 13th at Plattsmouth.

Tools: Jerry Ronk stated that the tool status is the same as last month. The chapter trailer is getting a new hitch installed at Eric's shop this week.

Builder Reports:

- Bruce M provided a slide with all known current builders: Bill Haas, Berkut; Ken Bahr, Sonex; Bob Gilbert, RV-10; Jim Beyer, RV-10; Jim Beyer, RV-12; Jerod Cook, RV-14; John Price, RV-7; Kim Fostvedt / Tom Wieduwilt, Bearhawk; Aviation Nation, RV-12; EAA80, Zenith 750 STOL.
- Richard Copeman has ordered a Kit Fox kit.
- Bruce Mundie has completed his 40hr fly-off for the Nieuport.
- Bill Haas (via Zoom) showed off the new 3-bladed prop for the Berkut and reports continued work on the avionics (VHF, transponder). Mike Howard volunteered his hand held VHF for Bill to check out his radio installation.

Builder Meeting: The next builders meeting is TBD.

Chapter Build.

- Mike Howard reported that he considers the Zenith project 80% complete as received.
- Bruce has approached Oracle Aviation on the concept of using the Aviation Nation's RV12 hangar area for the Zenith when the RV is completed. OA has not responded to his request. Any ideas for a Zenith build site are welcomed.

Fly-outs: Mike Howard reported there was a fly-out to York for breakfast on August 1st (3 aircraft); a poker run on August 2nd from KGRI (no takers); and a pancake breakfast fly-in at Council Bluffs August 8th (4 or 5 participants). The next fly-out is the 3rd Saturday of August (15th) to Crete Nebraska.

Social Coordinator: Bruce is requesting a volunteer to fill this position but will

that has other ideas for speakers is encouraged to contact Bob Dyer.

Calendar:

- YE, Millard, Aug 15th
- Air Mail 100th Centennial, Millard, Sept 9th. Bill Moore reported that all routes have been assigned. Forty pilots signed up for the 15 legs. The US Post Office is creating a special event stamp for this Centennial. AirMail100 post cards were distributed at the meeting for those that would like to fill these out and participate in the event. When the aircraft arrives at Millard these post cards can be added to the mailbag and will then be flown on the original route to California where the Post Office will take official delivery of the mail. The current Covid-19 lockdown in California is complicating this event. A Duncan Aviation pilot will be flying the mail from Millard to North Platte.
- YE, EAA80 BBQ, Plattsmouth, Sept 13th.



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



assume these responsibilities in the meantime. Sept 13th is the Plattsmouth picnic at Kevin Ferris' hangar (grilling picnic). Holiday party is looking like Anthony's in January.

VP: Bob Dyer, is trying to get Don Bacon to make a presentation at one of our meetings. Don cannot meet on Mondays and a motion was made and accepted to ask Don to speak to us at the September or October meeting on Thursday night (instead of Monday). Bob will contact Don for a commitment. One of our meetings this year will be at Omaha Central Cylinder. Dave Bentley is on deck to discuss air photography. Anyone

- YE, Millard, Oct 17th
- Holiday party, January, TBD

Old Business: EAA80 T-Shirts are for sale.

New Business: Tom Wieduwilt volunteered to sell or dispose of the old PA system.

Announcements: None

Raffle Drawing: Brad Safford was the winner of the 50-50 pot. Sam Seberger was the winner of an EAA80 T-shirt.

Presentation: Robert Jones presented information on his aircraft project. Robert has been involved in numerous aircraft designs

and aircraft builds since 1976. This is his 7th aircraft design. He has extensive CAD knowledge and experience with composite structures. This taildragger fixed-gear aircraft is intended to be an intermediate to advanced aerobatic aircraft using an AXRO rotary engine of 40 hp turning at 7,000 rpm (with capability to go to 9,000 rpm). He designed his own 3-1 reduction drive. The wing is a slightly forward-swept one-piece elliptical design utilizing a spar cap 3/8" thick of unidirectional cloth. The empty weight goal is 250-275# with a gross weight design of 600#, designed for ±10G's. The fuselage was laid up as a one piece structure and then cut for the canopy, cowling, tail, wing attachment, etc. He will use an 8.8 gal fuel tank that should provide 5 hrs airborne at 75% power (with a 1/2hr reserve). There are no flaps and utilizes push rods for the ailerons and elevators. He hopes to fly the aircraft by next spring and is looking at the cost between \$15,000 and \$20,000. Those attending the Plattsouth BBQ in September may have the chance to see his aircraft (he lives just a few miles from KPMV).

Next Meeting: The next meeting is September 14th, 7pm, at Millard Airport, Oracle Aviation. **NOTE:** There is a chance that this meeting could be on Thursday, September 17th, if Don Bacon agrees to be the presenter. Stay tuned.

[The September presenter is Dave Bentley. He will talk to us about EagleView and his camera airplanes.

Since the meeting, plans have been made for the special meeting date of Thursday, October 15 when special guest Don Bacon will present. ed]

EAA 80 Calendar of Events

September 5 Stem Day, Millard



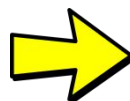
September 5 Young Eagles, Millard

September 9 Air Mail 100th Centennial Commemoration, Millard



September 13 Young Eagles, Fly In / Picnic, Plattsouth

October 12-No Meeting. See October 15.



Thursday, October 15, Monthly Meeting, US House Representative **Don Bacon** presenting



October 17 Young Eagles, Millard

November 9, Meeting (and maybe pizza!) at Central Cylinder

Chapter Tools

The following tools are tools that are available for use by any chapter member. If you know of any other tools the chapter has or have tools that you would like to donate to the chapter, please contact Mike Howard.

1. Flat bed trailer designed for moving aircraft (dimensions 8' x 14' load capacity 2000 pounds)
2. Aircraft scales (4ea) low rise (about 1 1/2")
3. 2 ea wing jacks for low wing aircraft
4. 10' sheet metal break
5. 5' sheet metal break
6. 5' sheet metal shear
7. 6' aluminum step ladder
8. Pressure pot break bleeder (deigned to bleed breaks from the bottom up)
9. Long handle nicopress sleeve squeezer
10. Heavy electrical lug swaging tool
11. Control cable tension meter
12. Pull scale for measuring deflection force
13. 2 ea "C" frames for dimpling large sheet metal parts

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

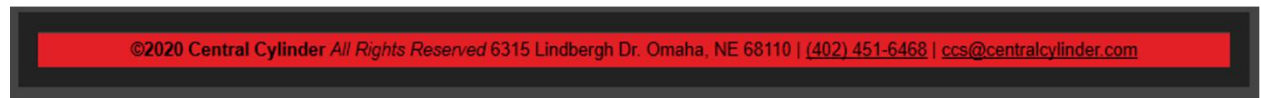
- ✓ Helping promote Young Eagles events and rallies for the community
- ✓ Many other events that promote aviation in the Eastern Nebraska and Western Iowa region.

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 office to inquire about making a tax free donation.



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



For Sale

Garmin 750: Open Box Special

Oracle Aviation has an open box Garmin 750 that has never been installed. Contact Bob Negus for more details.



Photos



Robert Jones presenting on the aircraft he is building that he also designed. See more detail in the August meeting minutes



“Tommy Tow” Ostlund giving a Young Eagles ride in the Covid era.

EAA 80 MONTHLY TREASURER REPORT Sep-20

Checking

Acct. 310

Opening Balance \$13,939.81

Receipts

8/10/2020	50/50	Cash \$48/2	\$24.00
8/10/2020	T-Shirt Sale	Chk	\$25.00
	Dues	Cash	
8/10/2020	Dues	Chks	\$125.00
8/22/2020	Dues	Chk	\$75.00

Expenses

Y.E. Expnse

Refresh

Ending Balance \$14,188.81

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 to Date		\$250.00			\$0.00

AS INFO Sept. 2019 \$14,111.76

Upcoming Webinars

[Zenith STOL Airplanes](#)

HOMEBUILDERS WEBINAR SERIES
9/1/20, 7 p.m. CDT
Sebastien Heintz

[Fresh Annual](#)

Qualifies for FAA WINGS and AMT credit.
9/2/20, 7 p.m. CDT
Mike Busch

[Keeping your Rotax Alive](#)

Qualifies for FAA WINGS and AMT credit.
9/9/20, 7 p.m. CDT
Prof. H. Paul Shuch

[Unusual Attitude Training Versus Upset Prevention and Recovery Training: What's the Difference and Why Does it Matter?](#)

9/15/20, 7 p.m. CDT
Qualifies for FAA WINGS credit.
Randy Brooks and Norm Dequier

[So You Think You Can Make a 180 Back on Takeoff? An In-Depth Look at Engine Failure Options](#)

Qualifies for FAA WINGS credit.
9/22/20, 7 p.m. CDT
Charlie Precourt, Chris Glaeser, Rick Marshall, and Terry Lutz

[Founder's Innovation Prize Grand Championship Check-In](#)

9/23/20, 7 p.m. CDT
Terry Lutz

[EAA Young Eagles Workshops: Day Camp Program for Chapters](#)

9/24/20, 7 p.m. CDT
John Egan and Megan Hart

[\\$500 HUD](#)

HOMEBUILDERS WEBINAR SERIES
10/6/20, 7 p.m. CDT
John Muzzoli

[The Looming Mechanic Shortage](#)

Qualifies for FAA WINGS and AMT credit.
10/7/20, 7 p.m. CDT
Mike Busch

[Strategies for Limiting, and Protecting Yourself from, Liability as an Aircraft Owner or Renter](#)

10/14/20, 7 p.m. CDT
Jack Harrington, Paul Herbers, Alan Farkas, and Jim Anderson

[Emergency Bailout Procedures for Pilots and Survival Equipment](#)

Qualifies for FAA WINGS credit.
10/20/20, 7 p.m. CDT
Allen Silver

[Flying Clubs – Growing Participation in Aviation](#)

10/27/20, 7 p.m. CDT
David Leiting

[Van's RV-14](#)

HOMEBUILDERS WEBINAR SERIES
11/3/20, 7 p.m. CST
Greg Hughes

[RANS S-21 Outbound, All Metal, All Purpose](#)

HOMEBUILDERS WEBINAR SERIES
12/1/20, 7 p.m. CS
Randy Schlitter

[Avionics Options for your Homebuilt Aircraft with Dynon](#)

HOMEBUILDERS WEBINAR SERIES
2/2/21, 7 p.m. CST
Michael Schofield

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.

Mail checks to:
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 Bellevue, NE 68005

EAA CHAPTER 80 2020 APPLICATION FORM

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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)									
2020		2021		2022		2023		2024	
PAYMENT	TYPE				AMOUNT			DATE	

Last updated: 1/3/2020