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News!

July 2020

On the Web: www.EAA80.org

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Notes from the President

By Bruce Mundie



It is tough to fully comprehend all of the news that has been bombarding us over the past few weeks. As a charitable flying organization, I believe that it is best to keep our focus on being a strong advocate for recreational flying, education, safety, and

building. However, the one issue that we need to keep a close eye on is any infringement on our amazing freedom that we have to build and fly aircraft in the USA. Please help me to stay diligent on this issue.

I believe that it is no mistake that EAA 80 attracts skilled, professional members, builders, and fliers. We need to keep safety first and foremost to keep building and flying aircraft safe and effective. I know of two recent examples of partial powerplant failures where in each instance, an EAA 80 pilot safely and efficiently handled the situation and expertly recovered the aircraft. We are truly blessed with members with these skill sets and we are obligated to learn from these instances to make our shared passion of flying safer for all.

The COVID-19 pandemic is still hamstringing our monthly activities. We have officially postponed our large-scale Young Eagle events until August. One pilot to one Young

Eagle flights are being set up for July, please let Scott Pridie know if you are interested. One COVID-19 success we are having is broadcasting our meetings from Oracle via ZOOM, and I plan to keep making improvements to this shared format. Thanks for your patience during these turbulent times.

Bruce

Bill Hindi's 15-Rules

By Bill Hindi

As seen on a BeechTalk.com, Bill Hindi's 15-rules for his aviation maintenance technicians (A&Ps) who work in his maintenance shop in Arkansas.

- 1) If I screw up somebody gets hurt.
- 2) Always have a second set of eyes check your work, even if they're yours(If alone, once task is finished, walk away, have a smoke, soda, cup of coffee or go to the restroom. Go back and recheck your work.)
- 3) NO NYLON zip ties on fuel lines, engine mounts or anything else metal!!!
- 4) NO NYLON self locking nuts in ENGINE BAY, EVER, EVER, EVER!!! :bat:
- 5) Don't EVER tighten a bolt, b-nut or anything else unless you are going to finish the torque and safety procedure before walking away.
- 6) Use the right tool for the job, (NO CRESCENT wrenches allowed in Hangar.)
- 7) Don't assume the part number on the part you're changing is the right part number, always verify with the IPC when replacing a part.
- 8) When disassembling something, mark everything and keep hardware separate with that item, with the thought you will die on the way home and somebody else will have to put it back together.
- 9) Never walk around with a rag in your back pockets, we are not working at Superlube!!!
- 10) Like flying when they say DON'T suffer from "get homeitis", never suffer from getit finisheditis!!!
- 11) Keep your tools neat, clean and organized so you can make a quick tool check ensuring all items are accounted for.

- 12) Keep your hands clean.
- 13) NEVER attempt to thread a bolt, nut, screw or fitting with a wrench. If you can't get it started with your fingers, then it's cross threaded.
- 14) Use the 3 foot rule while working. Scan in a 3 foot 360 degree radius of what you are working on looking for other abnormalities.
- 15) SEE RULE #1

Member Spotlight: Kenny Thomason



I am Kenneth Thomason, and I am from Greenwood Nebraska. I graduated from Ashland in 2016, and I am also an Eagle scout. I studied electrical engineering at the University of Nebraska Lincoln for three years before transferring to Omaha to study aviation.

I have been interested in aviation since a very young age, making my first logbook entry in 2008. I continued to take occasional flights until last summer, when I began taking lessons and working on my private pilot's license. I am now working on my instrument rating, and I want to complete it by the end of the summer. I hope to continue learning, and I would eventually like to fly professionally.

I have been an EAA member since November 2018, and a part of Chapter 80 since January of this year. I have been to AirVenture a few times a long time ago, and I am hoping to go again soon. I am looking forward to being a part of the chapter, and I hope I can learn a lot and help a lot. I am not actively working on any homebuilts, but I would like to eventually.

EAA Chapter 80 Meeting Minutes

June 2020

The chapter meeting was held on June 8th at Oracle Aviation as well as via Zoom On-Line Meeting. The meeting was called to order at 7 PM by President Bruce Mundie with fourteen members participating in-person and eight on-line.

New members included Pastor Brent Smith (flies a Cirrus as a non-profit, and looking to buy an RV) and Rich Kolkman (rejoined, previous member 10 years ago, looking into LSAs, hasn't flown in some time).

Meeting Minutes: The May 2020 minutes were approved as written.

Treasurer's Report: Bob Cartwright's treasurer report was presented for June. The opening balance was \$13,548.17. Chapter receipts totaled \$50 (dues). Expenses included \$27 for the chapter trailer licensing (which Bruce needs to send in). Ending balance \$13,571.17.

Membership: Bob Condrey was not present to report, but a slide was presented that showed 107 total members, with dues paid by 76 members. There are still 35 members that have not had their pictures taken for the directory, 18 members that have not provided their EAA membership numbers, and three members that have not provided email addresses.

Tech Counselors: Nothing to report.

Young Eagles:

- Scott Pridie stated that the July 11th YE rally is tentative and was soliciting pilot's willingness to fly YE's with the current coronavirus situation. He is considering limiting it to 20 kids, requiring temperatures taken, and other measures to minimize the risks. Pilots, please provide your inputs to Scott. *[This YE event has since been canceled. ed]*
- Another YE is scheduled for August 15th and October 17th at Millard; Sunday September 13th at Plattsmouth.

- Jim Beyer addressed whether STEM day should also be a YE date. This was voted on and approved for the September 5th gathering. Social distancing and coronavirus protocol will need to be established.

Tools: Nothing to report.

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; Jerry Cook, RV-14; John Price, RV-7; Kim Fostvedt / Tom Wieduwilt, Bearhawk; Aviation Nation, RV-12; EAA80, Zenith 750 STOL.
- Jim Beyer reported that last week the Aviation Nation students started back in and the last kit package, avionics, has arrived.

Builder Meeting: The next builders meeting is TBD.

Fly-outs: Mike Howard reported there were three fly outs: Albion NE (just himself); Mason City IA (4 a/c); and Lamar IA (3 a/c). Mason City has a good restaurant on the field and looking forward to going there again.

Social Coordinator: Bruce is requesting a volunteer to fill this position but will assume these responsibilities in the meantime. Sept 13th is the Plattsmouth picnic at Kevin Ferris' hangar (grilling picnic). Holiday party is leaning towards Anthony's in December, or, more likely, January.

Old Business:

- Bob Dyer, VP, expects SOFIA "Spike" to speak at our July meeting; and Robert Jones at the August meeting. Dave Bentley is still TBD, as well as Don Bacon (Monday's are a bad night for him).

New Business:

- **Chapter Build.**
 - a. Bruce Mundie presented information on the Zenith CH750 STOL aircraft that was donated to the chapter from a local (national) EAA Member. Now that this donated project is ours, and

has been stored in temporary locations, we are looking for a home to build the project over the next two years.

- b. Mike Howard has volunteered to lead the effort to complete the aircraft as a Chapter build project (with helpers), and will front the money necessary to complete the aircraft (instruments, avionics, and engine). The expected value when finished is in the \$55-80k range. That would provide the chapter after it is sold with about a \$25-50k profit.
 - c. Mike is recommending the Aeromomentum engine, AM15 (117HP), instead of the Rotax engine for various reasons. Mike proposes that the aircraft be test flown per the EAA Test Guide (~40hrs) and then sold.
 - d. Jim Beyer suggested that a committee be formed to guide the planning and selection of the engine and avionics.
 - e. Bruce indicated a contract with Mike should be formalized for the build.
 - f. A motion was made to complete the CH750, contract with Mike Howard for the completion responsibilities (work and dollars) with the repayment of expenses back to Mike after the aircraft is sold. The motion carried and Bruce will coordinate with the Chapter Officers to draft the contract to move the project forward.
- **Chapter Home.**
 - Bruce is working on finding a chapter home. This is part of a draft 10-15 year plan he's working on. It includes a proposal to build a chapter hangar initially for 4-6 aircraft, which could generate \$200/month/ac income. For about a \$100,000 loan he is investigating building the hangar and covering utilities and insurance in Phase 1. Phase 2 would require another loan (offset by hangar leases) to upgrade the hangar to include chapter facilities. This is based off the Lee Summit EAA chapter model that has been very successful to date. He is finding out that working with the Omaha Airport Authority can be challenging and is seeking help from

his former boss, Don Bacon, to help this effort. The land under consideration is immediately west of the Oracle Aviation hangar. There's enough room in that area for a 100'x100' or even 100'x120' hangar.

- Bruce is also inquiring about the Warner Estates paved airstrip near Valley Nebraska as a potential chapter home.

Announcements:

- Bill Haas is getting far enough along to be needing a hangar for his Berkut. He'd be willing to share a larger hangar with someone else.
- Tom Wieduwilt is looking for a place to build his aircraft (with perhaps the Zenith project). He isn't necessarily only considering a hangar (e.g., a larger off-site building).
- Two or three aircraft will be making the flight from Iowa City to Millard on Saturday, September 12th, for the Air Mail 100th Centennial. From there they will fly to North Platte and Cheyenne. EAA80 may sponsor a grill cookout for their arrival.

Raffle Drawing: The drawing this month was for a new EAA80 T-shirt. Brent Smith was the winner. A tie-down kit was also provided for the raffle and Jim Beyer won that prize. EAA80 T-shirts are also available for sale at \$25.

Presentation: Bill Haas agreed at the meeting to an impromptu presentation of his Berkut. He provided pictures of the project and an update on the status. He has kit #008 and has been working on the project off/on for 25 years. He's installing two Programmable Logic Controllers for his instrument panel and avionics. He is using a programmable windows based display running I-Fly software. He'll be using his own software for the engine instruments. He has fitted it with a Superior IO-360 that he helped assemble at the plant in Houston. He'll be using a Catto fixed-pitch 3-bladed 68" propeller. He's getting close and hopes to move it out to a hangar in the near future.

Next Meeting: The next meeting is July 13^h, 7pm, at Millard Airport, Oracle Aviation.

EAA 80 Calendar of Events

July 11 Young Eagles, Millard

POSTPONED

July 13 Membership Meeting, Millard
Presentation: SOFIA (Stratospheric Observatory for Infrared Astronomy)
Mike 'Spike' Tellier

August 15 Young Eagles, Millard

September 5 (Stem Day)
Young Eagles, Millard

September 12 Air Mail 100th Centennial Commemoration, Millard



September 13 (Harvest Days)
Young Eagles, Plattsmouth

October 17 Young Eagles, Millard

EAA Chapter 80 is classified as a Non-Profit Charitable Organization per section 501(c)3 of the Internal Revenue Code. As

TAX DEDUCTIBLE

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.

WE ARE A FULL SERVICE FBO

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- Avionics Part 145 Repair Station
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- MCX Redbird Flight Simulator
- FAA Testing
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Photos

Recovery Operation Photos.

Recovery of Mike Howard's RV-12 after a forced landing in a cow pasture just East of Grain Valley, Missouri.



For Sale

FOR SALE: RV 10 Empennage kit. The vertical stabilizer, rudder, horizontal stabilizer, and elevators are largely complete. The tail cone is assembled. It is ready to be deburred, dimpled, then riveted. \$2,800. Please contact Steve Farnar at stevefarnar@gmail.com or 402-690-8751. for details.



EAA 80 MONTHLY TREASURER REPORT

Jul-20

Checking

Acct. 310

Opening Balance \$13,571.17

Receipts

6/17/2020 Refresh Donate Back \$13.89

50/50

6/17/2020 T-Shirt Sale Cash \$125.00

Dues Cash

6/17/2020 Dues Chks \$50.00

6/19/2020 Dues Chks \$25.00

Expenses

Y.E. Expnse

5/27/2020 NW Chk Chg \$20.25

Refresh

Ending Balance \$13,764.81

AS INFO June 2019 \$13971.66

Upcoming Webinars

[Fast Track to Experimental](#)

7/8/20, 7 p.m. CDT

Qualifies for FAA WINGS and AMT credit.

Prof. H. Paul Shuch

[Shuttle, Houston — a Look Inside Space](#)

[Shuttle Mission Control](#)

7/14/20, 7 p.m. CDT

Paul Dye

[Completing the FAA Application for Medical Certificate: Legal Traps for the Unwary](#)

7/29/20, 7 p.m. CDT

Qualifies for FAA WINGS credit.

Greg Reigel and Patrick Phillips

[Why Valves Stick](#)

8/5/20, 7 p.m. CDT

Qualifies for FAA WINGS and AMT credit.

Mike Busch

[Chapter Chat: Applying for Charitable](#)

[Status - Filing the 1023EZ](#)

8/11/20, 12 p.m. CDT

Patti Arthur

[Legal Issues in Buying and Selling GA Aircraft](#)

8/12/20, 7 p.m. CDT

Qualifies for FAA WINGS credit.

Kathy Yodice, Patrick Floyd and Alan L. Farkas

[Air Shows: Not Just Events, But a Lifestyle!](#)

8/18/20, 7 p.m. CDT

Grant & Brittany Nielsen

[How to Use Your Pilot's Operating Handbook](#)

8/19/20, 7 p.m. CDT

Qualifies for FAA WINGS credit.

[Experiment in the Cockpit: The Women Airforce Service Pilots of World War II](#)

8/26/20, 7 p.m. CDT

Katherine Sharp Landdeck

[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

Mike Bauer

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.

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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