

WINGNUT

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EAA Chapter 846 Newsletter - Wadsworth, Ohio

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February 2021

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Regular Monthly Meeting

Meeting is in chapter hangar

Second Thursday @ 7:00 PM

EAA 846 Website

chapters.eaa.org/EAA846

Skypark Website

www.flyskypark.com

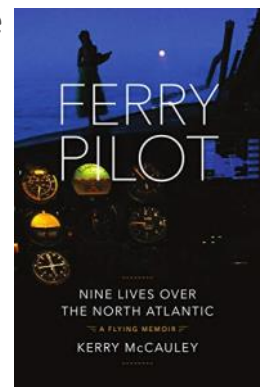
FEBRUARY MEETING:

Join us for the upcoming EAA Chapter 846 Monthly Chapter ZOOM Meeting on Thursday, February 11, 2021 @ 1900. **Watch for the contact information and link in the Tuesday email.** We are planning to have another 'exciting' ZOOM meeting that Paul Lutz and Randy Brooks will conduct.

OUR SPECIAL GUEST WILL BE KERRY McCAULEY PRESENTING ON HIS EXPERIENCES OF FERRYING AIRCRAFT ACROSS THE NORTH ATLANTIC.

He is the subject of an AOPA Air Safety Institute Real Pilot Story: "Pressure Over the Atlantic." <https://www.aopa.org/news-and-media/all-news/2020/december/04/pressure-over-the-atlantic>

He has also written a book on his experiences: "Ferry Pilot: Nine Lives Over the North Atlantic." <https://kerrymccauley.com/>



We look forward to seeing everyone online Thursday evening at 7 pm.

ZOOM Link: See page 9 for full information

Join Zoom Meeting

[https://us02web.zoom.us/j/87255936761?](https://us02web.zoom.us/j/87255936761?pwd=bzYxdkZuSEpLemFLMEthOThETnVyQT09)

[pwd=bzYxdkZuSEpLemFLMEthOThETnVyQT09](https://us02web.zoom.us/j/87255936761?pwd=bzYxdkZuSEpLemFLMEthOThETnVyQT09)



Do you recognize this full size replica of a British WWI bomber? It can be built from a kit. It's a one or two seater with aluminum tube and fabric construction ? See page 7 for more information.

CURRENT AVIATION NEWS

By Randy Brooks

The following is a recent article by Redbird Flight Simulations concerning flight simulators. Since we're not doing much flying these winter days, maybe some of you are using flight sims to keep proficient. Here are some interesting points to consider while using flight sims.

Created by [Redbird Flight Simulations](#)

HOW TO SOLVE BAD FLYING HABITS WITH YOUR HOME FLIGHT SIMULATOR

February 5, 2021

To avoid bad habits with your home flight simulator, you should abide by all the same checklists and procedures that you use in your airplane. However, the limitations of many home flight simulators still could prevent you from flying correctly. As you gear up for a new year of flying, there are a few upgrades you can make to your flight sim to solve the most common bad habits.

Staring at the Instrument Panel

This is the most common habit of flight simulator enthusiasts that flight instructors have to break during initial training. When you use a single-screen flight simulator, it is natural to look straight ahead with your eyes on the instruments, which may occupy half the screen, but overusing the instruments can adversely affect your visual scan technique. Fortunately, as simulation technology continues to advance, there are a few products you can buy to help keep your head on a swivel at home.

The cheapest upgrade you can make is to your flight simulation software. With each new version of Prepar3D, X-Plane, and Microsoft Flight Simulator, updates to the graphics and scenery improve the training environment for VFR flying. The photorealistic scenery in Microsoft Flight Simulator 2020 makes it easier to keep your eyes moving and off your instruments.

However, to improve your situational awareness while you fly your simulator, you may need to expand your field of view with a three-screen setup. Peripheral monitors provide cues that enhance your training for climbs, steep turns, turns around a point, identifying traffic, engine failure emergency procedures, crosswind landings, and many other ground reference and nose-up maneuvers.



Virtual reality (VR) headsets continue to show promise as a solution for simulated VFR flying as well. Yet, while current VR flight simulator equipment can make visuals more expansive and immersive outside the cockpit, it also can make interacting with your controls and panel more challenging.

Underusing Your Rudder Pedals

Infrequent or inconsistent use of your rudder pedals can create bad habits during all phases of flight. When you train with your home simulator, you should still remember to use the right rudder during the climb, help control your speed with the pedals during the cruise, use rudder in the direction of a turn, and focus on the correct rudder inputs during the approach and landing—applying opposite rudder to center the nose of the aircraft when necessary.

While it is possible to stay in the air with little to no rudder usage on a home flight simulator, the psychomotor effects of that behavior can cause problems in an airplane. In addition to struggling to say in coordinated flight, flight simulator pilots who

underemphasize proper rudder inputs tend to have issues with side slips and related skills.

Beyond simply using rudder pedals with your home flight simulator, upgrading to [realistic pedals with more capabilities](#) can help you derive more psychomotor benefits from your simulator practice. Metal rudder pedals that have a full range of travel,

differential toe brakes, and that allow you to apply pressure are essential to creating a realistic cockpit environment at home.

Flying in Silence

Push-to-talk phobia affects most pilots at some point in their flying, and it can worsen by neglecting air traffic control (ATC) communications in the simulated world. While the ATC capabilities of most flight simulation software aren't advanced enough for real flight training, services such as PilotEdge allow you to fly in a simulated air traffic control system where you can see other aircraft, hear other pilots on the radio, and communicate with controllers. Pair one of these services with a [conversion box](#) that allows you to use your aviation headset with your home flight simulator, and you'll be ready to call for taxi.

EAA Homebuilders Week

By Gary Baker

EAA Homebuilders Week was a tremendous success, with at least 16,500 people attending twenty-five webinars of varying subjects. Chapter member and Flight Advisor Gary Baker presented a webinar on flight testing with seven hundred attendees joining him from as far away as Israel and Australia.

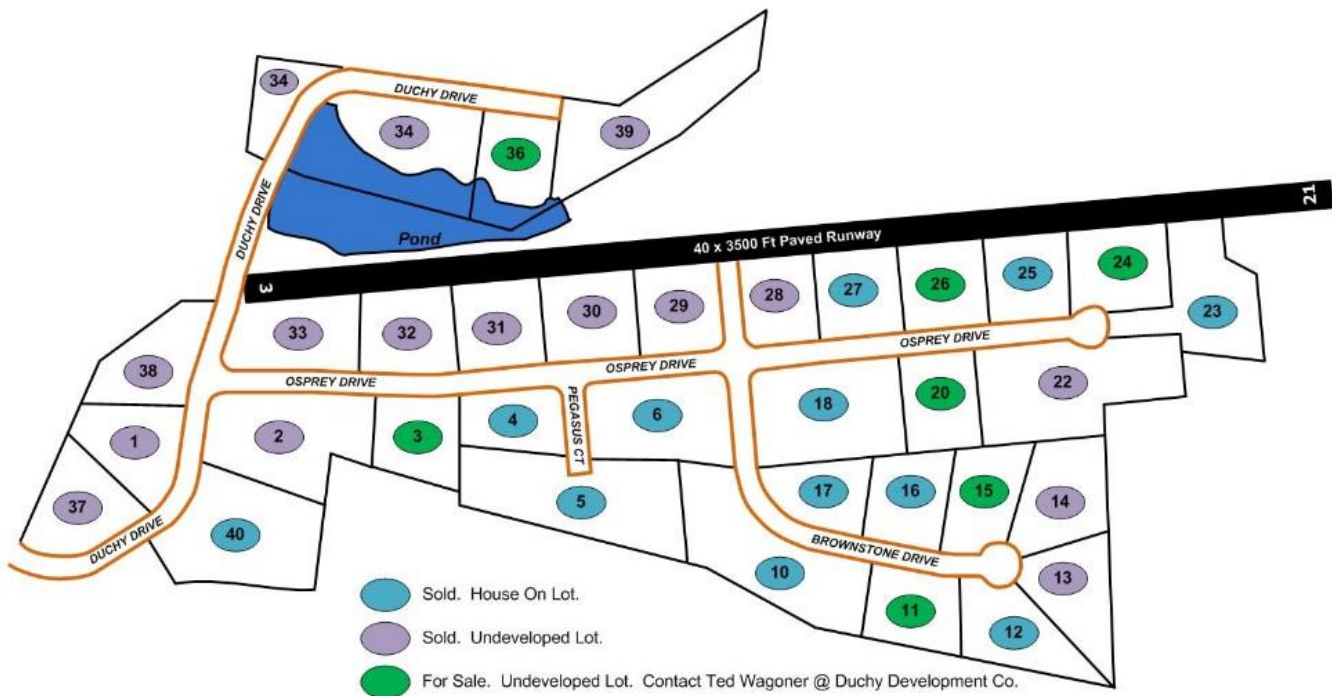
If you missed or would like to watch a particular webinar again, please go to <https://www.eaa.org/eaaircraft-building/homebuilders-week#>.

Home Sweet Home, Plus Hangar

By Jay Waddell

Jay Writes: We've started building our hanger home at Duchy Air Park outside of Burlington NC. If you are interested in warmer winters and having your plane in your garage and use of a private 3500 x 44 paved runway, lots are still available.

The attached pictures are the lot layout and some views.



Project Update

Michael Guenthner writes:

I continue to slowly work through the horizontal stabilizer construction. The left half of the stabilizer is mocked up and ready for final drilling, prep, paint and eventually final assembly. Like many of us the bitterly cold temps as of late have made it more difficult to get out and put in the time on the build. My goal is to have the empennage finished by mid year and get the fuselage kit ordered from Van's to be able to start on that construction this fall.



Welcome New Members...

By Gary Baker

Please welcome **Lee Preisse** to Chapter 846. Lee and his wife Julia live in Akron. Lee has retired from his position as a building trade instructor. He is a private pilot and is willing to help others and in working with machinery.

Also, welcome **Edward Agoston** and his wife Sharon who live in Northfield, OH. Edward is a private pilot who has access to a 72" shear, 96" metal brake and a 16'x 30' paint booth that he can share the use of with chapter members.

Project For Sale:

New chapter member Edward Agoston writes:

I have a GlasStar Sportsman kit for sale. It is a tail dragger, but can be completed as a tricycle gear with additional parts. It is a complete kit less avionics and firewall forward. All is crated with the exception of the horizontal stabilizer which is the only component that has been started. Life got in the way. It's time to let it go. Interested parties in the kit or to use equipment listed above can reach me at 440-724-7093 or enagoston@aol.com.



Photo is for reference only



2021 Air Academy Camp Scholarship Applications

By Gary Baker

The Chapter received one application for the 2021 Air Academy Camp. Members who are current with their 2020 or 2021 dues should have received an email from Gary Baker with the applicant's information. If you did not receive the email, please check with Gary Baker as to the status of your membership. A formal vote will be taken during the February meeting this Thursday.

Ray Scholarship Update

By Mike Guentner

Ray Aviation Scholarship Update:

Our 2020 scholar Ferenc Somogyi has switched his training to AeroTrek Flight Academy in Wadsworth due to an instructor change and will be training with the team at Wadsworth going forward. For those of you who fly out of Wadsworth, keep an eye out for Ferenc as he begins his training journey there!

Even more good news arrived last week from EAA Headquarters as we found out that we have been awarded another 50/50 matching Ray Scholarship for 2021! Thanks go out to our membership who voted last month to use our recent donation from Charlie Carlledge towards another Ray Aviation Scholarship. This means that we will have two Ray Scholars this year as Ferenc finishes up and we select another deserving youth for this prestigious award. With that in mind, please start thinking about who you may want to nominate or consider for this year's scholarship. The requirements to be eligible are as follows: 16-19 years old, must possess an FAA medical and Student Pilot Certificate by the start of training and must be able to commit at least 2 hours per month towards Chapter activities. As before we are looking for individuals who may have already participated in Chapter activities, EAA Young Eagle rallies, etc. We will discuss our 2021 selection process and timeline at this month's Chapter meeting but I expect those to be similar to last year due to the ongoing restrictions and precautions.

2021 Annual Dues



Even though the chapter is not meeting in person, your 2021 dues can be paid by check by mailing them to Gary Baker, Treasurer, 770 Victoria Circle, Medina, OH 44256. Please complete the Membership Form and send it with your check. Dues can also be paid by going to the Chapter website <https://chapters.eaa.org/ea846/membership-benefits/join---renew---donate>. Payment can then be made using PayPal. Please send any changes in your information to Gary at ggbaker@zoominternet.net. Thank you for your membership in 846!

Propane Heater For Sale

Like new, used one time.
\$190.00 or best offer.

Contact:

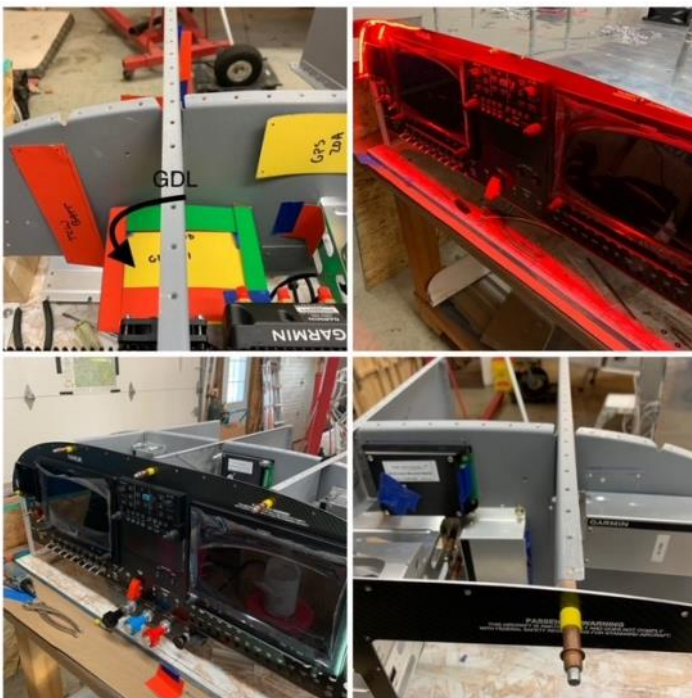
Mike Baker, 330-328-2493



Chapter Project Updates

Joe Walker writes:

Joe Walker is making progress on his RV7. He's busy he has completed his panel and sub panel layout and is beginning the wire the avionics with the goal of keeping the "magic smoke" inside the little boxes.



Mike Baker writes: The **Sonex** canopy is ready to trim and mount to the frame. I'm waiting for warmer weather before final trim cuts to the canopy.



TigerCub Aircraft For Sale

By: Gary Baker

This aircraft was built by chapter member, Bob Taylor, and flown for almost 500 hours. It was then sold to a gentleman at Ashland airport, who has since passed away. If interested, please contact Gary Baker. ggbaker@zoominternet.net. Best Offer: \$10,000.00.

TigerCub Aircraft. Single-place, LSA. 65Hp MZ202 w/elect. start, PowerFin adjustable pitch prop, Radio, transponder, GPS, Disk brakes. Great fun to fly!





2021 EAA Chapter 846—Calendar of Events

Thursday, February 11, 2021	EAA Chapter 846 Monthly Meeting	February chapter meeting will be held as a ZOOM Meeting—Kerry McCauley Presents “Flying the Atlantic”	7:00 PM
Thursday, March 11, 2021	EAA Chapter 846 Monthly Meeting	February chapter meeting will be held as a ZOOM Meeting	7:00 PM
Thursday, April 8, 2021	EAA Chapter 846 Monthly Meeting	February chapter meeting will be held as a ZOOM Meeting	7:00 PM

Current Member Projects:

- ◆ Ron & Paul Lutz, Rans S21 kit on order
- ◆ Joe Walker, RV-7 - Working on the instrument panel & wiring
- ◆ Dale Holmes, RV-7 - Working on fuselage
- ◆ Jeff Zink, RV-7 - Working on the wings
- ◆ Mike Baker, Sonex - Windshield in place, preparing canopy
- ◆ Dan McAlonan, Stolp Starlet SA-500, engine is now mounted and ready for first start
- ◆ Pete Klapp, KR2S - Successful first flight 11/18/2020
- ◆ Bob Taylor, RANS S20 – Electrical work, boot cowl and baggage area completed
- ◆ Rob Trout, RV-14 - Working on the tail cone
- ◆ Paul Hanchek, Skybolt, Working on fuselage
- ◆ Jeff Polack, RV-8A - Tail work
- ◆ Jeff Hartzler & Steve Zaleski, Chinook, fuselage covering almost complete
- ◆ Barry & Valerie Wawrin, RV-14A, Installing canopy, wing rigging and wiring is next
- ◆ Dale & Nancy Housley, Volmer VJ-22 - Purchased a project and a new set of plans
- ◆ Bernie May, Zenith CH750,
- ◆ Mike Guenther, RV-8, working on horizontal stabilizer
- ◆ Steve Boyer, Restoring a Grumman Tiger
- ◆ Jeremy Cowger, Zenith CH750, finished the horizontal stab, elevator, right wing
- ◆ Randy Brooks, Rans S21 kit on order
- ◆ Matt Tomscheck, Highlander, horizontal stab, elevator covered

Answer: The Sopwith Baby replica—100% scale homebuilt. The Baby was also known as the Admiralty 8200 type, was a development of the two seater Sopwith Schneider. Although the Schneider had won the Schneider trophy in 1914. The replica aircraft has a wingspan of 25' 4", length of 22' 8". The power comes from the 2332 CC VW with redrive or a 110 hhp Rotec radial.

Source: <https://airdromeaeroplanes.com/>



EAA CHAPTER 846

Chapter Meeting

Minutes of the

January 14, 2021 Meeting

The meeting was called to order at 19:00 by President Paul Lutz.

The meeting was held via ZOOM and there were 32 participants

Paul reminded members about chapter dues for the upcoming year 2021. He also told members dues could be paid through the chapter website using PayPal.

After a review of the December meeting's minutes, and with no additions or corrections, a motion was made by Dave Gerdeman and second by Matt Tomsheck to approve the minutes as written. The motion passed unanimously.

Pete Klapp was awarded a plaque for completing the first flight of his KR2-S.

Paul thanked Gary Baker for the end of year review and gave a brief summary of the review and activities of the year.

Paul announced EAA is doing 2 new webinar series. One is a Museum webinar series. It will be the second Tuesday of the month. The other is the Homebuilders Week webinar series. These will be held January 26-30. There will be 5 forums each day on a variety of topics. Chapter member Gary Baker will be presenting a flight testing seminar on Saturday, January 30, at 5:00 P.M.

Scholarship Updates: EAA Air Academy, Ray Scholarship

The EAA Air Academy will be held July 20-28 of this year. The scholarship we provide is for applicants between 16 and 18 years of age. The application is on the chapter website and the deadline for applying is February 5, 2021.

Ferenc Somogyi, recipient of the 2020 Ray Scholarship from our chapter, has started his training at Medina airport. He has chosen an instructor and should be doing his first flight within the next couple of weeks.

Paul discussed the \$5000 donation to the chapter by Charlie Cartledge. Charlie would like this to be used for another Ray Scholarship or similar type of funded flight instruction. Treasurer Gary Baker went over the budget for the upcoming year and Mike Guentner gave an overview of the Ray Scholarship 50/50 matching funds program. He indicated we should know sometime in February whether we have been chosen for the program in 2021. If we are chosen, the chapter has until October 31, 2021 to choose a recipient. After some

discussion, the consensus was we would have sufficient funds to provide another Ray Scholarship. A motion was made by Greg Cantrell and second by Dale Housley to provide a Ray Scholarship in 2021. The motion passed unanimously.

Newsletter update: Mike Baker

Mike Baker gave an update on the Constant Contact service he is using for the chapter newsletter. He discussed the information we can receive from them concerning the newsletter such as, email bounce backs, opening rate, and downloading rate.

Mustang Update

Paul reported the starter had been re-installed and the maintenance records are good. Jeff Paden has signed off on the annual.

Chapter 846 MVP Award: Jeff Paden

The 2019 Chapter MVP Award recipient, Jeff Paden, awarded the highly prestigious Chapter MVP Award to Greg Cantrell for 2020. Greg was surprised and greatly honored. He thanked Jeff and the chapter for choosing him for the award, as a number of chapter members were deserving of being chosen.

Young Eagles Project: Brian Burke

Brian did a presentation of a wind tunnel model he is working on as a project to be used at the chapter's Young Eagles day. He will get a list of materials needed to build the model to chapter members.

Sonex Project: Bob Taylor

Bob announced the remaining Sonex parts had been sold to Steve Janowski for \$100. Gary Baker reported the total income to the chapter from the Sonex donation was \$1890.

Abby Donofrio gave an update on her training. She is training in a Cessna 150.

Project updates:

Mike Baker: Sonex- Working on the windshield and canopy metal parts.

Mike Guentner: RV-8- Working on the horizontal stabilizer.

Bob Taylor: RANS S-20- Working on the interior. Cowling fit and fasteners completed.

Paul Hanchek: Skybolt- Practicing on welding. Needs to get better heat in the hangar.

Brad Wurst: Preceptor Ultrapup- Working on the hangar, getting ready for summer.

Paul Lutz: Sold the Stinson. Looking for a 65-mid 70's Cessna 182 while waiting on the RANS kit.

EAA Monthly Chapter Video Magazine: Randy Brooks

Randy showed the January 2021 edition of the EAA monthly chapter video magazine. In this edition Jack Pelton discussed the new facility at the EAA Museum. He reported on the land acquisition to expand the Ultralight strip as well as plans going forward for Air Venture 2021. Charlie Becker reported on training programs available for new chapter leaders as well as sessions for new chapter officers. He also reminded us about the Homebuilders Week seminars from January 26 through January 30.

White Elephant Gift Giveaway: Randy Brooks

Randy presided over the gift giveaway/ exchange. Several nice gifts and gift cards were given, but none more valuable than the coveted Chapter Bowling Pin received by Paul Lutz.

Gary Baker announced he will be running the next meeting on February 11, 2021. Kerry McCauley will be giving a program about ferrying aircraft across the Atlantic .

With no other business to be brought before the chapter, a motion to adjourn was made by Randy Brooks and second by Karl Aber. The motion passed and the meeting was adjourned at 20:37.

Respectfully submitted,
Greg Cantrell
Secretary, EAA Chapter 846

EAA CHAPTER 846 BOARD OF DIRECTORS MEETING February 4, 2021

The meeting was called to order by President Paul Lutz at 19:45. The meeting was conducted via ZOOM format.

Board Members present: Paul Lutz, Gary Baker, Greg Cantrell, Randy Brooks, Ron Lutz, Bob Taylor.

Members present: Art Hernandez, Kurt Hoes, Dave Gerdeman, Brian Burke, Matt Tomscheck, Steve Bates.

Paul gave an update on the status of the sale of the Mustang. He reported that even though the Bill of Sale had been signed, the buyer had not followed through on the terms of the Brokerage Agreement and the Bill of Sale. Therefore, as of January 31, 2021, the Mustang is available to be back on the market for sale.

There was lengthy discussion on how to proceed, including the possibility of re-listing the aircraft with Whiplash Aero,

LLC. Gary Baker announced he had received an offer from chapter member Jeff Paden to buy the Mustang for \$60,000. There was more discussion concerning the sale of the Mustang to Jeff or re-listing the aircraft for sale on the open market. Numerous advantages and disadvantages of each scenario were discussed. The minutes of the July 9, 2020 regular chapter meeting were reviewed in which the members of EAA Chapter 846 gave the Board of Directors the authority to sell the Mustang and approve the final sale price as they deemed best for the chapter without a chapter meeting or vote.

A motion was made by Randy Brooks and seconded by Greg Cantrell to approach Jeff Paden with a counter offer of \$65,000 to purchase the aircraft. If Jeff accepts, we proceed with a purchase agreement and sell the Mustang. The motion was passed unanimously by the Board members.

With no other business to be brought before the Board, the meeting was adjourned at 20:42.

Respectfully submitted,
Greg Cantrell
Secretary, EAA Chapter 846

Join Zoom Meeting

<https://us02web.zoom.us/j/87255936761?pwd=bzYxdkZuSEpLemFLMEthOThtTnVyQT09>

Meeting ID: 872 5593 6761

Passcode: 289892

One tap mobile

+13126266799,,87255936761#,,,,*289892# US
(Chicago)

+16465588656,,87255936761#,,,,*289892# US
(New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: 872 5593 6761

Passcode: 289892

Find your local number: <https://us02web.zoom.us/j/kbBGtsimf7>



EAA CHAPTER 846

2021 MEMBERSHIP APPLICATION

**New Member
Dues Calculator**

Jan	\$25	July	\$19
Feb	\$25	Aug	\$17
Mar	\$25	Sept	\$15
Apr	\$25	Oct	\$25
May	\$23	Nov	\$25
June	\$21	Dec	\$25

Annual Dues: \$25.00 by February 1. Please complete and mail To: Gary Baker, Treasurer, 770 Victoria Circle, Medina, OH 44256. Checks should be made out to: EAA Chapter 846. New members dues will be prorated after April 30th at \$2.00 per month. See schedule above. Various Chapter 846 memberships are available: *Lifetime Membership \$375.00, Family Memberships \$30.00 and Student Memberships for \$10.00*

PLEASE CIRCLE: RENEWAL (YEAR JOINED _____) OR NEW MEMBER

Today's Date: _____

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Preferred Phone: _____ Spouse Name: _____

e-Mail Address: _____ (for receiving chapter newsletter)

EAA National Member Number: _____ Expiration Date: _____

You must be a current EAA National Member to be a voting EAA chapter member.

Optional information:

Project: _____ % completed: _____

Pilot Certificate and Ratings: _____

Occupation: _____

Company name: _____

Please indicate any aviation skills or resources that you have and would be willing to share with other members.

Does EAA Chapter 846 have your permission to publish this optional information in our chapter roster? Yes No

Thank you for your membership in EAA Chapter 846!

EAA Chapter 846 Wadsworth OH

Newsletter Address: P.O. Box 4064, Copley, OH 44321-9998, Phone: 330.328.2493

Mail Membership Form and Dues to: 770 Victoria Circle, Medina, OH 44256