

March 2020



EAA CHAPTER 145

SINCE 1962



Chapter Meeting: Saturday, March 14, 2020 – 10:00am
Riverview Airport (08C) in the big hangar (see map on last page)

CHAPTER PROGRAM

This month our speaker will be Radek Wyrzykowski. He is in charge of the EAA VMC Club. The VMC Club uses real-world scenarios to engage members, and allow a free exchange of information that improves awareness and skills. The intent is to create a community of pilots willing to share information, provide recognition, foster communications, promote safety, and build proficiency.



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PRESIDENT'S CORNER

The other day, someone asked me why I volunteer each year as president of EAA Chapter 145. I said "Because I can." Think about the advantages of being a volunteer: no income tax, no time clock, and no evaluations, you only have to do what you enjoy!

The volunteers in EAA Chapter 145 seem to enjoy a lot of activities and the members support one another. To list a few activities from last year: Chapter member's project presentations, SMAT open house, Yellowstone Flying Adventure presentation, EAA Ford Tri-Motor event, Young Eagle events, annual trip to Weeks hangar, Riverview cookout and bonfire, Boy Scout Aviation Badge and of course the Christmas Brunch.

So, if you have some aviation activity you would like to volunteer for, let me know. Maybe we could arrange to let you start enjoying what you're good at.
Blue Sky's, Dick

EAA145 HANGAR

-A flying club has their C-182 in the hangar for engine and avionics upgrade. The project should be completed this month. Dave Dehammer may bring in his Parrot project after that.
-Hangar space may be available again in April. Contact Dick Foster for details.

YOUNG EAGLES

This year, we are working on Young Eagle events with other chapters: Grand Haven (EAA211) June 6 & July 27, Sparta (EAA704) August 15, and Holland (EAA145) August 15. We are also working with the Plainwell Aviation and STEM Academy (PASA) to support youth aviation. All Young Eagle pilots and some volunteers need the EAA youth protection "certificate" to help in the Young Eagle activities. Let know if you are interested in helping.

-Thanks, Dick

WEEKS HANGAR TRIP

The date for EAA145 annual trip (30th year in a row!!!) to the Kermit Weeks Hangar is the weekend of April 24 to 26.
Contact Dick Foster for more information.

FACEBOOK

EAA Chapter #145 now has a Facebook page. Keep an eye on the site for events and notifications and photos. This will be an ever-evolving page, as we learn how to best use it.

<https://www.facebook.com/EAA145/>





PRESENTED BY WGUV

SUNDAY, MARCH 22 | 12 - 5PM
AIR ZOO AEROSPACE & SCIENCE MUSEUM

KIDS DAY AT THE AIR-ZOO

Sunday March 22, 12noon – 5pm, **\$5** entry gets you in the Air-Zoo!! Be aware, this is a very popular event and long lines will be the norm. In the past, the entry line took 45 – 60 minutes. A suggestion would be to get there around 11am, or wait until 2pm to avoid the main rush.



MAXIMIZING YOUR MEMBERSHIP

The EAA website has a wealth of information at your fingertips. As a part of your membership, the EAA website offers so many areas to explore.



My first stop is the **"News & Media"** tab, where I can find the **"Latest News"**. You can view the latest news, or you can filter to narrow to a particular interest, like Ultralights, Vintage, Light Sport, Oshkosh, etc.

In the **"EAA Magazines"** tab, you have access to over 50 years of **'Sport Aviation', 'Warbirds', 'Vintage Airplane',** and **'Aerobatics'** magazine archives. There is a searchable database, so you can do a search on your favorite type of aircraft, homebuilder hints, or author or noteworthy aviator. I find it interesting to search on the articles in the September issues each year – I like looking in the background of each picture and see how Oshkosh has changed and grown over the years. Also, it is interesting to see the new designs that show up at Oshkosh each year.

Just think of all the "Hints for Homebuilders" articles you can use to learn about welding, fabric repairs, riveting, etc. There's over 50 years of knowledge out there. If you've ever thought "why hasn't someone thought of this" – it probably can be found in the "Hints for Homebuilders" archive.

Under the **"Email Newsletters"** tab, you can subscribe to various electronic newsletters. You can sign-up for newsletters of **'BITS AND PIECES', 'E-HOTLINE', 'CHAPTERGRAM', 'EAA VOLUNTEER', 'WARBIRD BRIEFING', 'VINTAGE AIRMAIL',** and **'IN THE LOOP'**.

Under the **"Discussion Forums"** tab, there are Discussion Boards where you can enter conversations with other builders. You can gain from their knowledge as well as share your knowledge.

In the **"EAA Webinars"** selection, you can listen to important aviation figures give speeches about timely topics.



Take a look at the video page, "**EAA Video**" tab. There are over 1300 videos online. They range from interviews of important aviation legends, hints for homebuilders, general aviation, vintage aircraft, warbirds, ultralights, light sport aircraft, and webinars.

Under the "**Aviation Communities**" tab, you can choose the subset of aviation that is of interest to you: homebuilts, ultralights, warbirds, vintage, type-club coalition, etc.

Then you can select "**Pilots**" tab, to find a flight advisor, find a local flying club, answer questions about your medical, and finding a Designated Airworthiness Representative.

And don't forget about the monthly computer desktop background, found under the "**Desktop Wallpaper**" tab. The picture is very high quality, and has a handy calendar for quick reference during the month.

Under the "**Events & Experiences**" tab, you can search the "**Calendar of Events**" for local fly-ins, or pancake breakfasts. There is also information on the B-17 tour, the Ford Tri-Motor tour, and the big event at OSHKOSH.



Under the "**Aircraft Building**" tab, you have the opportunity to download a **free** 3-D CAD package, SOLIDWORKS. Now you can also design your new airplane, as well as build it.



To help you choose what airplane to build, look under the "**Kits and Plans**" tab. It has a listing of most of the kits and plans out there. Each selection has a comprehensive list of specifications, website, contact information, clubs/associations, and cited articles in EAA Sport Aviation over the years.

Between the reading content choices of the magazines, the main front-screen with the news alerts, the forums, webinars, and the videos page – all that content could keep anyone busy for years. That is what EAA is about, sharing the knowledge of aviation, be it building tips, general entertainment, advocacy, piloting skills, etc. Spending some time on the various EAA websites will expand your aviation knowledge and entertain as well.



SportAir Workshops

So when you're ready to pull the trigger and start a project, look into attending one of the **Sport Air Workshops**. They offer classes in composite construction, electrical wiring, fabric covering, gas welding, TIG welding, sheet metal construction, and a few other classes. The workshop will build confidence and competency that will be important to completing your project. Most classes seem to be \$349 and take place over 2 days.

Click on the "**SportAir Workshops**" tab, and a description of the class and short outline will show you what to expect to learn from the class. There's a "**Frequent Questions**" tab to help with general information. Under the "**How To**" tab there are articles about each area of interest – fabric covering, composites, electrical systems, wood airplanes, aluminum airplanes, etc.

Considering your time and effort and cost in starting & finishing an airplane, the Sport Air Workshops seem like a good investment to make.

The link below brings you to a page on **Registering Articles**. So when you have finished your airplane and ready for the "N" number, this page will guide you thru the process for success.

<https://www.eaa.org/ea/aircraft-building/building-your-aircraft/while-youre-building/registering-articles>

EAA ENCOURAGES CAUTION REGARDING AIRCRAFT REGISTRATION RENEWAL

EAA is warning its members to regard any solicitation they may receive regarding aircraft registration renewal, especially those that call for using a search engine to find the registration site, with a healthy dose of suspicion.

EAA is aware of several businesses – with names, websites URLs, and logos that may appear reminiscent of a government agency – that notify aircraft owners of impending registration expiration (mined from publicly available registration information) and direct them to use search engines such as Google to find the proper renewal site. These businesses then buy ads from search engines to make their site appear first, before the FAA website, in the search results.

Such operation add little or no actual value to the transaction and charge a hefty fee for essentially duplicating the same process that the FAA directly administers for a mere \$5. EAA members should ensure they are on the FAA's online registration portal before filing out information and entering payment.

Unless a business is known to be reputable and offers a tangible service or automatic renewal, EAA members should deal directly with the FAA. If any members want EAA's help with registration renewal or any other issue please contact EAA at 1-800-564-6322.

FREQUENTLY ASKED QUESTIONS ABOUT ADS-B OUT MANDATE

Q: IF I AM NOT EQUIPPED, CAN I FLY UNDER CLASS B AND CLASS C SHELVES?

The answer is yes, you can fly under the shelves without ADS-B, but ADS-B is required within "Mode C veils" around Class B airports. If you are familiar with the Mode C transponder requirements, ADS-B is basically required in the same airspace. Note that while you may be able to fly under the shelves unequipped, you must have ADS-B to fly over the top of Class B or C airspace.

Q: I'M NOT EQUIPPED, AND I WANT TO FLY INTO RULE AIRSPACE. WHAT DO I DO?

You can request ATC authorization with the FAA's ADS-B Deviation Authorization Preflight Tool (ADAPT) if you are unequipped or your equipment is inoperable and you plan to fly into rule airspace. You can find this tool and a user guide on how to use it by searching for ADAPT on the FAA's website. The guide takes you step by step through how to fill out the flight information entry and deviation request forms.

Q: WHAT HAPPENS IF MY EQUIPMENT MALFUNCTIONS WHILE MY AIRPLANE IS LOCATED IN AIRSPACE WHERE ADS-B IS REQUIRED?

If you are flying the aircraft outside of the airspace for repairs, use ADAPT to request ATC authorization for your flight. If you have your equipment repaired within the airspace, get your equipment fixed and then use ADAPT during your first flight after maintenance as insurance in case your equipment is continuing to malfunction. The first time you fly after a repair, we recommend filing a request for a Public ADS-B Performance Report on the FAA's website to confirm that your system is functioning properly.

Q: IF MY AIRCRAFT DOES NOT HAVE AN ENGINE-DRIVEN ELECTRICAL SYSTEM INSTALLED, CAN I FLY IN AIRSPACE WHERE ADS-B IS REQUIRED?

If your aircraft has never been certified with an engine-driven electrical system, you are mostly exempt from the ADS-B rule. The requirements are the same as they are for Mode C transponders, and you can fly within the Mode C veil without authorization. However, you will need authorization from the responsible ATC facility before you enter either Class B or Class C airspace.

Q: MY AIRPORT IS RIGHT ON THE EDGE OF THE MODE C VEIL. CAN I FLY OUT OF IT WITHOUT ADS-B?

The short answer is no, but if this is the case for your airport, please contact us at govt@eaa.org.

Q: I AM WORRIED ABOUT THE PRIVACY OF MY AIRCRAFT. HOW DO I REQUEST AN ALTERNATE IDENTIFIER?

If your aircraft is equipped with a 978 UAT system, then chances are it has an anonymous mode that you can use while flying VFR. If you are flying with flight following or under IFR, you will not be able to use this mode.

Requesting alternate identifiers for 1090 ES systems is slightly more complicated. You will need a third-party call sign, which you can get from a third-party flight planning service. You will also have to go through the FAA's Privacy ICAO Address program to receive a temporary ICAO aircraft address.



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AIR ZOO AEROSPACE & SCIENCE MUSEUM

EAA Chapter 145 website: www.145.eaachapter.org
 EAA National website: www.eaa.org
 Riverview Facebook: <https://www.facebook.com/EAA145/>



DUES ARE NOW BEING COLLECTED

Dues of \$35.00 are payable to "EAA CHAPTER 145" and can be mailed to Bob Swietek at the address listed at the end of the newsletter or brought to the monthly chapter meeting. If you need to make any updates on your contact information, please include the tear-off slip for member data and update with your payment.

UPCOMING EVENTS

- | | | |
|---------------|--------------------------------|------------------------------------------------------|
| Mar 14 | Riverview Airport (08C) | Meeting – EAA VFR Club – Radek Wyrzykowski |
| Apr 11 | Riverview Airport (08C) | Meeting – FAA Seminar-“Brushing off the Rust” |
| Apr 25 | Oshkosh (OSH) | Week’s Hangar Work Weekend |
| May 9 | Riverview Airport (08C) | Meeting – Kolb FireFly – Gregg Kaat |
| June 9 | Riverview Airport (08C) | Meeting – RV-14A Project – Bob Swietek |
| June 20 | Ionia (Y70) | SMAT Community Day |
| July 1-5 | Battle Creek Airport | Battle Creek Airshow & Balloon Festival |
| July 4-5 | Traverse City | National Cherry Festival Air Show |
| July 20-26 | Wittman Field (OSH) | OSHKOSH 2020 |
| July28-Aug1 | Mentone, IN (C92) | P.R.A. Convention - Gyrocopters |
| Aug 29-30 | Willow Run Airport | Thunder Over Michigan Airshow – Ypsilanti MI |
| Fall '20 | Niagara Falls Trip | West Mich Pilots Group – Niagara Falls |

If you know of events that should be on the event calendar, please e-mail them to me

If you would like to be on the e-mail list for meeting and event reminders, or if you would like to receive the newsletter electronically, which is full color and delivered days before the print version... please send your e-mail address to: randall.houtman@dematic.com

The 2020 Officers for EAA145:

- President, Dick Foster
 (538-8849 flyrfc172@aol.com)
 Vice President, Bruce Whitman
 (897-9846 bwhitmanpe@gmail.com)
 Secretary/Treasurer, Bob Swietek
 6962 Bridgewater Dr. SE
 Grand Rapids, MI 49546
 (676-2951 airdale69@aol.com)
 Newsletter Editor, Randy Houtman
 (randall.houtman@dematic.com)

Treasurer’s Report: (as of Feb 29th)

Liabilities: \$4055.00
 Cash: \$140.95 Checking: \$52.11
 Savings: \$6447.83 Total: \$6640.79

Website Editor, Bill Willyard
 (wgwillyard@att.net)

EAA CHAPTER 145 MEMBERSHIP APPLICATION / RENEWAL FORM	
DUES ARE \$35.00 PER YEAR – JANUARY 1st to DECEMBER 31st	
Name _____	Aircraft Owned _____
Co-Pilot / Spouse _____	_____
Address _____	Projects / % Complete _____
City _____	_____
State / Zip _____	Bring this form to the next meeting or mail to:
e-mail address _____	EAA Chapter 145 Treasurer
Home Phone _____	6962 Bridgewater Dr. SE
Work Phone _____	Grand Rapids, MI, 49546
National Membership # _____	



SUN n FUN

AEROSPACE EXPO

Lakeland, Florida

KLAL

EXPERIENCE

STOL

IN

2020

March 31
to April 5

Proceeds Support:

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FlyLakeland
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Check daily schedules for featured **STOL Competitions** during the week!