

March 2021



EAA CHAPTER 145

SINCE 1962



Chapter Meeting: Saturday, March 13, 2021 – 10:00am
Riverview Airport (08C) in the EAA hangar (see map on last page)

CHAPTER PROGRAM

We are back!! The program this month will be based on "Hangar Flying." We'll have an informal, open discussion on various aviation topics for anyone who wants to stop by the chapter hangar. This will be very informal, just a time for members to get reacquainted by talking about aviation with others in the chapter. So come on by the chapter hangar around 10am and enjoy some fellowship. Bring your favorite topic and we'll have the coffee and snacks ready.

PRESIDENT'S CORNER

HANGAR FLYING - Timely stories, conversations and insertional insights that share the Spirit of Aviation. This definition from EAA just about nails it. Hangar flying is a great pastime for those of us who can't get up in the air as often as we would like.

I recently read the history of the first aircraft, NC-4, to fly across the Atlantic in 1919. So I did some "hangar flying" with a friend about the Curtiss flying boats that were built for the Navy. These were known as "NC" aircraft (Navy - Curtiss). Of the four aircraft built, only number four completed the trip from Newfoundland to England. I don't have the space here to tell you the fascinating details about constructions, testing and crew training. I'll save that to do some hangar flying with you some time, maybe at the next chapter meeting.

What kind of flying would you like to do? Bring your thoughts with you and let's get up in the air with words.
All the Best, Dick

EAA #145 HANGAR

-Karl Kotecki is moving his project airplane to Holland (BIV)
-Hangar space is currently available. Contact Dick Foster for details.

YOUNG EAGLES

-Currently, all local area Young Eagle events have been put on hold for this spring.
-Tentative plans are underway for Young Eagle flights in August at Grand Haven (3GM)
-EAA website has Young Eagles activities and Workshop materials for chapters to use.

WEEKS HANGAR TRIP

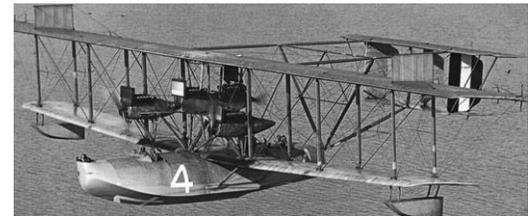
-April trip canceled for 2021. Kermit Weeks Hangar is "locked down" until June.

WEBSITE OF THE MONTH

<https://globe.adsbexchange.com>

ADS-B Exchange allows you to see real-time position data or aircraft reporting their ADS-B data. There are various toggles to turn on and off features, such as aircraft tracks, labels, follow random airplane. There are many different maps layers to choose from including a Search and Rescue grid. There is an airport search field, and a specific airplane search field. You can click on a specific airplane to get more information.

INSIDE THIS ISSUE	
1	Meeting
1	Prez Corner
2	Sun-N-Fun '21
2	Maximize Membership
5	Upcoming Events



*** SUN-N-FUN 2021 ***

The "Flying Adventures Group" is planning a trip to Lakeland, FL for Sun-N-Fun '21, April 13 - 18, 2021 Tuesday thru Sunday. Typically, there are loose groups of planes with similar speeds to share weather data, to stop at the same gas stops, and to be there for general guidance and support.

If interested, please contact Herb and Tammy Harney 401-3637 or 901-9527. Keep up to date - Latest info on FACEBOOK at www.facebook.com/groups/flyingadventuresgroup



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>

PILOTS VS. MAINTENANCE ENGINEERS

After every flight, pilots fill out a form, called a "gripe sheet" which tells mechanics about problems with the aircraft. The mechanics correct the problems; document their repairs on the form, and then pilots review the gripe sheets before the next flight.

Never let it be said that ground crews lack a sense of humor. Here are some actual maintenance complaints submitted by pilots (marked with a P) and the solutions recorded (marked with an S) by maintenance engineers.

P: Mouse in cockpit.
S: Cat installed.

P: Left inside main tire almost needs replacement.
S: Almost replaced left inside main tire.

P: Test flight OK, except auto-land very rough.
S: Auto-land not installed on this aircraft.

P: Something loose in cockpit.
S: Something tightened in cockpit.

P: Dead bugs on windshield.
S: Live bugs on back-order.

P: Autopilot in altitude-hold mode produces a 200 feet per minute descent.
S: Cannot reproduce the problem on the ground.

P: Evidence of leak on right main landing gear.
S: Evidence removed.

P: #2 Propeller seeping prop fluid
S: #2 Propeller seepage normal – #1 #3 and #4 propellers lack normal seepage

P: DME volume unbelievably loud.
S: DME volume set to a more believable level.

P: Friction locks cause throttle levers to stick.
S: That's what they're for

P: IFF inoperative.
S: IFF always inoperative in OFF mode.

P: Suspected crack in windshield.
S: Suspect you're right.

P: Number 3 engine missing.
S: Engine found on right wing after brief search.

P: Aircraft handles funny.
S: Aircraft warned to straighten up, fly right, and be serious.

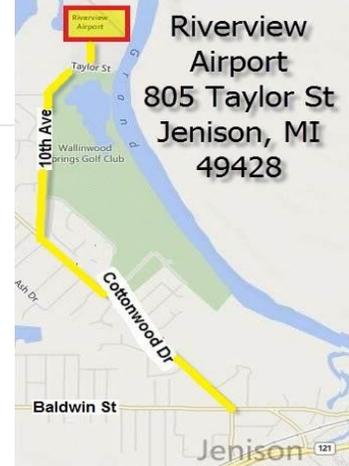
P: Target radar hums.
S: Reprogrammed target radar with lyrics

And the best one for last,

P: Noise coming from under instrument panel. Sounds like a midget pounding on something with a hammer.
S: Took hammer away from midget.



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



**Riverview
 Airport**
 805 Taylor St
 Jenison, MI
 49428

DUES ARE NOW BEING COLLECTED

Dues of \$25.00 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 13	Riverview Airport (08C)	Meeting – EAA Hangar – Hangar Flying
Apr 10	Riverview Airport (08C)	Meeting – T.B.D. watch for newsletter updates
April 13 - 18	SUN – N - FUN	Flying Adventures Group – Lakeland FL
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 2021
July 28-Aug 1	Mentone, IN (C92)	P.R.A. Convention - Gryocopters
Aug 29-30	Willow Run Airport	Thunder Over Michigan Airshow – Ypsilanti MI

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 2021 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 Mar 2th)

Liabilities: \$4055.00
 Cash: \$145.85 Checking: \$7.58
 Savings: \$7564.91 Total: \$7718.34

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 _____ Co-Pilot / Spouse _____ Address _____ City _____ State / Zip _____ e-mail address _____ Home Phone _____ Work Phone _____ National Membership # _____	Aircraft Owned _____ _____ Projects / % Complete _____ _____ Bring this form to the next meeting or mail to: EAA Chapter 145 Treasurer 6962 Bridgewater Dr. SE Grand Rapids, MI, 49546

