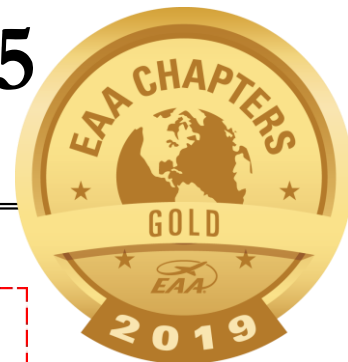


February 2022



EAA CHAPTER 145

SINCE 1962



Chapter Meeting: *Saturday, Feb 12, 2022 – 10:00am*
Riverview Airport (08C)–in the Main Hangar (see map on last page)

CHAPTER PROGRAM

“EAA VMC Club - an introduction.”

Bob Swietek will present the functions and operations of a chapter VMC Club. The VMC Club offers monthly meetings in which pilots can network and share knowledge in a friendly environment. Come on by for the presentation, fellowship and pizza.



INSIDE THIS ISSUE

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PRESIDENT'S CORNER

These sure are strange times and we often have to do things in a different way. Such as; due to health issues, the original program for the January chapter meeting had to be moved to the April meeting. Thanks for being flexible; it's a lot like flying...you often have to make adjustments for the weather.

The Chapter is putting together a variety of programs and activities for 2022. We are trying to keep up Paul's idea of a stable three-legged stool model. EAA chapters should be involved in 1) aviation, 2) education, and 3) fellowship. Now that you know what the chapter officers use as the basis for the chapter programs and activities, please offer some suggestions. Anything is open to consideration as long as it relates to one of the "legs". Let us know your thoughts.

If you haven't paid your \$25 dues yet, please do so soon. Dues help keep heat and lights in the Chapter Hangar, pay the chapter insurance and offer programs such as the Monthly Meeting, Young Eagles, cook-outs and help members with their projects.

Stay warm, healthy, and safe,
Dick

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.



PARROT FOR SALE

Dave DeHamer has his Parrot aircraft for sale. It is a 2006 Czech Aircraft Works Parrot, with a 912 Rotax engine. It has less than 120 hours TT.

Contact Dave at 262-4369 for more information.



PIETENPOL FOR SALE

Rick Saliers is selling his "Ultra-Piet".

For more information, contact Rick at saliersrick@gmail.com



EAA #145 HANGAR

Currently there is a C-172 in the EAA hangar. There's space for smaller projects that could help keep the hangar active. Contact Dick Foster for details.



TOOLS

Eric Spross (A&P) is looking to add to his tool collection. If you have "AN" hardware or extra aviation tools, contact Eric @ (616)706-4421 or ericpca911@yahoo.com

NOISE REDUCTION HEADSETS 4 SALE

Sigtronics Model S-AR ANR Headset(s)

Active Noise Reduction Stereo/Mono Headset

American Made Quality

New cost each: \$494

- Up to 19 dB of Active Noise Reduction
- Stereo / Mono Switch
- Ultra-Deep Gel Seals
- Powder Coated No-Glare hardware
- Ultra-Foam Windscreen
- Noise Canceling Mic
- Power - One 9 volt battery
- Perfect Flex Boom
- Only 17 ounces

Two pair available, one set of extra gel ear cushions for each headset.

\$250 each

Contact Bill Willyard (616)460-6397



WEBSITE OF THE MONTH

www.airzoo.org/virtual-cockpits

Take a virtual seat in the cockpit of many of the airplanes of the K-Zoo Air-Zoo. You can swivel around a full 360 degrees for an immersive experience.



ASTC TRAVEL PASSPORT PROGRAM

**Enjoy free admission to museums
worldwide with your EAA membership**



EAA members can enjoy more than 300 museum and science centers worldwide **free of charge**, thanks to a partnership with the Association of Science-Technology Centers and its ASTC Travel Passport Program.

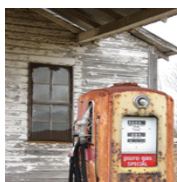
Taking advantage of the ASTC Travel Passport Program is easy. Show your EAA membership card at the admissions area of the museum you are visiting* to gain access to their facilities for free.**

Visit www.astc.org/passport for a list of participating museums. Remember to present your EAA membership card to receive your free admission.

** Facility must be located at least 90 miles or more from both the EAA AirVenture Museum in Oshkosh, Wisconsin and your home address.*

*** Any special display areas with an additional charge in the museum you are visiting are excluded*

E-15 ETHANOL



pure-gas.org

The list of ethanol-free gas stations in the U.S.

The EPA approved the sale of E15 after receiving a waiver request from producers interested in expanding the use of corn-based ethanol. Despite

objections by auto manufacturers, the EPA approved the use of E15 gasoline in flex-fuel vehicles and 2001 model year and newer cars, light-duty trucks and medium-duty passenger vehicles and SUVs.

Many groups have expressed concern over this development. Unsuspecting consumers using E15 could end up with engine problems that might not be covered by their vehicles' warranties. Many manufacturers are on record saying their warranties will not cover fuel-related claims caused by the use of E15.

The only vehicles currently approved by automakers to use E15 are flex-fuel models, and are labelled as such. The use of E15 is expressly prohibited in heavy-duty vehicles, boats, motorcycles, power equipment, lawn mowers and off-road vehicles.... and airplanes.

Additional concern is the single-dispense hose with multi-grade fuel choice. The previous customer may choose E15, then you come along and want E10 but you get a bunch of E15 that was contained in the hose system.

Ethanol-added gasoline (E10) goes into solution in the ethanol, no problem. At least until it reaches a certain concentration, at around a half a percent water, although it varies with temperature. Lower temperature = less water in solution before phase separation. When the amount of water the alcohol can absorb reaches its max, either because more water is entering the tank, or the temperature drops, the water—which is denser than the gas—drops out. And it takes all the alcohol with it. This cloudy, bilious looking glop is incombustible.

It's worse. The gasoline above the water/alcohol glop has much lower octane than it used to, because the petroleum company has blended the lowest octane gasoline it could, and boosted the octane rating back to the 87 you paid for up with 113-octane ethanol. Your engine won't run on the separated phase, which is lingering on the bottom of the tank, right where the pickup is. It'll start (with difficulty) and run on the gas above it, but the octane will be lowered, perhaps far too low for your engine.

So what can be done?

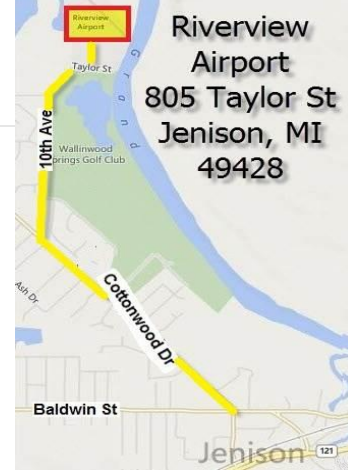
1. Seek out stations that still sell 100% gasoline (see pure-gas.org above) or see an interactive map of ethanol-free stations <http://www.buyrealgas.com/Michigan.html>
2. Ask the gas station if they stir the tanks, and test for water present – to avoid phase separation.
3. Recommendation for fuel storage: <http://engines.honda.com/parts-and-support/fuel-recommendations>

Article on ethanol:

<http://www.popularmechanics.com/cars/alternative-fuel/biofuels/e15-gasoline-damage-engine>

Airports with Mo-Gas <http://www.flyunleaded.com/>

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



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 please include the tear-off slip.

UPCOMING EVENTS

Feb 12	Riverview Airport (08C)	Meeting – EAA VMC Club – Bob Swietek
Feb 12	Wittman Field (OSH)	Skiplane Fly-In \$100 Chili Lunch
Mar 12	Riverview Airport (08C)	Meeting – Winter Airplane Maintenance/Storage
Mar 15	Riverview Airport (08C)	EAA Chapter #145 VMC Club Mtg
Apr 9	Riverview Airport (08C)	Meeting – Digitizing A/C Logbooks
June 4	Grand Haven (3GM)	Open House / Young Eagles
June 30-July 4	Battle Creek (BTL)	Battle Creek Balloon & Airshow
July 2-3	Traverse City (TVC)	Cherry Festival Airshow
July 25-31	Wittman Field (OSH)	OSHKOSH 2022
Aug 2-5	Mentone IN (C92)	PRA.org – Gyroplane Convention

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 2022 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 2th)

Liabilities: \$4055.00
 Cash: \$110.85 Checking: \$8.88
 Savings: \$6482.69 Total: \$6602.42

Website Editor, Christian Bell
 (cshbell@gmail.com)

EAA CHAPTER 145 MEMBERSHIP APPLICATION / RENEWAL FORM DUES ARE \$25.00 PER YEAR – JANUARY 1st to DECEMBER 31st

Name _____	Aircraft Owned/Projects _____
Co-Pilot / Spouse _____	
Address _____	
City _____	For PayPal payments contact Dick Foster at rbfoster172@yahoo.com
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 # _____	

Experimental Aircraft Association – Chapter 145 – Grand Rapids, Mi

