



The CHAPTER 221 FLYER

Proudly Serving the Experimental Aircraft Association Chapter 221 in Kalamazoo, Michigan
www.EAA221.org

March 2019

President's Message



Hello Everyone.

Well, we are still enjoying our Winter Wonderland. I like it except when some stranger called Polar Vortex wanders into our neighborhood and creates major temperature excursions of about 60 degrees in a couple days.

I guess the thermal contraction of my RV-8A bubble canopy was too much for it to handle so it cracked about 12 inches straight up in the middle. Although I avoided the "canopy fitting frustration" of all RV builders by buying an airplane already built I am now faced with it too. I will be open to advice and suggestions from everyone who has successfully completed this fun task.

Thanks to Kevin Mazer and Al Holloway et all at the Kalamazoo Makers Space for hosting our February meeting. It was fun seeing all the equipment available and learning about how to join the Makers to make your dreams and ideas come true.

Our next meeting really will take place at the usual spot in the Kalamazoo AirZoo Restoration center on March 6 and I look forward to seeing you all there.

PS – It is with great sadness to report the passing of the wife of longtime EAA Chapter 221 member Fred Harrison. We all wish to express our deepest sympathy to Fred on the loss of his beloved Nan. †

Bob Aardema
President, EAA Chapter 221
robert.aardema@wmich.edu



Next Event...



AirZoo East Campus

Wednesday, March 6 at 7:00 pm

3177 E Milham Road, Portage, MI 49002

Young Eagles, Unique Aircraft and More.



AIR+ZOO Like No Place Else on Earth!

Map at www.EAA221.org

Ron Ryan
EAA 221 Newsletter Editor & Secretary
rryan@lewisreedallen.com

Unless otherwise specified, our chapter meetings are the first Wednesday of the month at 7:00 p.m. at the **Airzoo Flight Center Classroom** on the west side of the Kalamazoo-Battle Creek International Airport

Dates of Upcoming Chapter Events

March EAA Chapter 221 Meeting

Wednesday, March 6, 2019

7:00 pm

AirZoo East Campus

3177 E. Milham Rd., Portage, MI

March IMC Club Meeting

Tuesday, March 12, 2019

8:00 pm

WMU Parkview Campus

Room C124

March VMC Club Meeting

Tuesday, March 19, 2019

7 pm

Brewster's

5135 Portage Rd, Portage, MI 49002

April Chapter 221 Meeting

Wednesday, April 3, 2019

April IMC Club Meeting

Tuesday, April 9, 2019

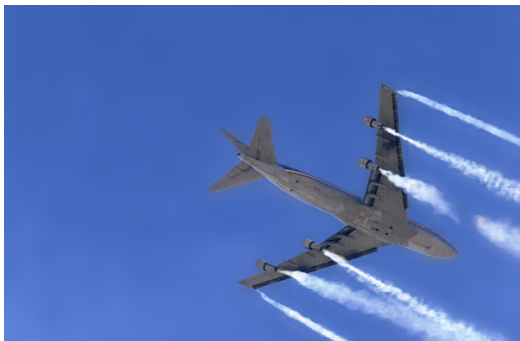
8:00 pm.

WMU Parkview Campus

Room C124

April VMC Club Meeting

Time and Location TBA



Aviation Humor

ETOPS stands for Extended-range Twin-engine Operational Performance Standards, a rule which permits twin engine aircraft to fly routes which, at some point, are more than 60 minutes flying time away from the nearest airport suitable for emergency landing. But did you also know it is also referred as:

“Engines Turning Or Passengers Swimming”

The odds against there being a bomb on a plane are a million to one, and against two bombs a million times a million to one. Next time you fly, cut the odds and take a bomb.

— Benny Hill



- **ALTERNATE AIRPORT:** The area directly beyond the active runway when the engine quits on take off
- **ENGINE FAILURE:** A condition which occurs when all fuel tanks become filled with air.
- **LANDING FLAP:** A 4000' roll out on a 3000' runway.
- **CARBURETOR ICE:** Phrase used by pilots when explaining an accident caused by fuel exhaustion.
- **DEAD RECKONING:** You reckon correctly, or you are

News from Chapter 145 – Riverview Airport

Hi, here is something of interest to aviation enthusiasts in West Michigan.

The EAA145 program for the March 9 meeting, Riverview airport, 10:00a to noon (program below).

Please pass on to your Chapter members. We'll have the coffee and snacks ready.

Thanks, Dick (616) 538-8849

Program: DIY Avionics System Design

The program will provide a brief introduction to modern avionics available for small aircraft.

Nick has lots of experience in avionics and can help with the best type for your aircraft.

Types of equipment covered will include:

- Primary Flight Displays (PFDs)
- Global positioning (GPS)
- NAV/COM radios
- Altitude encoders
- Transponders
- ADS-B out/in
- Engine monitors
- Audio panels
- Autopilots

Presenter & C-182 pilot

Nicholas A. Baine, Ph.D., P.E.

Asst. Professor of Engineering

Grand Valley State University



IMC Club



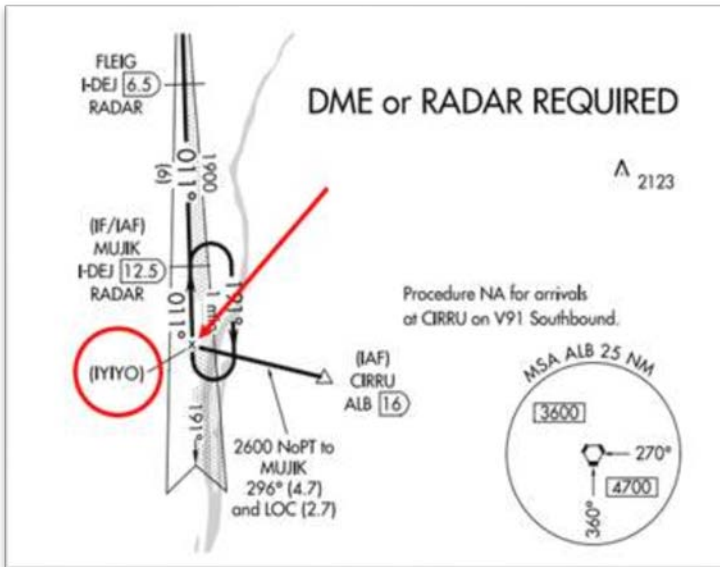
Our next meeting is
Tuesday, March 12 at 8:00 PM.

**WMU Parkview Campus
Room C124**

For a map and more info visit www.eaa221.org. See the IMC tab on the website for meeting information.

IMC Question of the Month:

What is the (IYIYO) intersection on an excerpt enclosed below of the ILS or LOC RWY 1 in KALB, and how can you use it?



Contact Andy Millin: amillin@sbcglobal.net

VMC Club



Our next meeting is
Tuesday, March 19 at 7:00 PM

All pilots who want to improve their proficiency now have an excellent new resource through EAA's VMC Club.

The VMC Club is modeled after the popular IMC Club concept which provides organized “hangar flying” focused on building proficiency in instrument flying. The VMC Club will do the same, but for pilots who are not instrument rated and fly primarily under visual flight rules and under VMC.

The VMC Club offers monthly meetings in which pilots can network and share knowledge and experience. The meetings use 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.

Our next meeting is Tuesday, March 19, 2019 at 7 pm at Brewster's once again. Mark your calendar. For more information see the www.eaa221.org website or contact Andy Cotyk at acotyk@wmis.net. ↗

Message from HQ



Greetings EAA 221!

I hope this email finds you well and your 2019 off to a great start! I am writing to check in with you and Chapter 221 on the potential of hosting the Tri-Motor this coming June. When I had checked in with your chapter back in June of last year there was an interest but the chapter had noted they needed a better lead time to prepare, which is entirely understandable! I have an opportunity I don't normally have to get some of the summer lined up allowing our hosts a ton of lead time. I thought I would check in with you prior to soliciting other groups first! I do have limited availability in dates as I need to get the aircraft direct from Port Clinton, OH to Oshkosh with only one weekend in between – I am wondering if your chapter is interested in hosting that weekend!

We are currently touring only one of the Tri-Motors we operate; one EAA owns is at home waiting for its new pair of wings and will not return to touring until late spring of 2019. I have a few specific tour stop weekends to fill for our 1928 5-AT Ford that EAA leases from the Liberty Aviation Museum in Port Clinton, OH.

The tour stop dates we would be able to work in a visit with you chapter, if interested, would be July 11-14; with hangar then needed for the aircraft Wednesday July 10th through Monday July 15th. (our volunteer captains try to

move the aircraft on Mondays after tour visits are completed).

If you are familiar with how the hosting process worked years ago, we have some major changes (improvements) I should point out!

We have removed the financial burden of raising sponsorship dollars and are no longer requiring our hosts to secure cars or lodging. We have done this because we want our hosts to have fun with the artifact and raise some money while doing it! We do still have hosts who offer suggestions and assist in securing a crew car or lodging but it is by no means required. Hosting a touring aircraft should not cost your chapter any money – rather we need help securing hangar onsite at the location you would like to have the aircraft at, spreading the word in advance, and working with the crew and passengers onsite! In addition to that we want your chapter to have a good time, create some goodwill and memories with the airport and community. EAA will assist with marketing efforts, and handle all crew travel and lodging details. Hosting basics are in the attached one-page hosting summary as well as the more detailed hosting handbook if you would like to look through that.

If you are interested in discussing further please do not hesitate to email, call, or text me at your convenience. I am happy to discuss any concerns, questions, etc. My cell is [920.252.3455](tel:920.252.3455).

Thank you in advance for your time and consideration!

Warm regards from Oshkosh,

Kristy Busse

EAA #1016800
Manager, Air Tours
EAA - *The Spirit of Aviation*
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www.eaa.org

***Looking Forward to seeing you at EAA
AirVenture Oshkosh 2019***

Falcon Ultralight for Sale



The photo is an example of the airplane that is for sale.

For sale by third owner family. Falcon Ultralight plus trailer. Last flown in the year 2000. Only sold as complete parts plane. \$4,500.00. Always hangared or garaged. Ballistic parachute. Custom windscreen cover. UP kit for rudders. NEVER DAMAGED.

Contact Steve Weaver (269) 615-1500. ✈

Skyhawk For Sale

Ron Hassing is selling a 172M Skyhawk. N13770. The plane is hangared in Plainwell. Contact Ron at (269) 375-4446. ✈

Possible Partnership in a Mooney

A discriminating owner of a Mooney is looking for the right individual(s) to possibly partner with him in a Mooney. Contact Ron Ryan (269) 267-0496. ✈

Tinker and Adjust

N4493E, a 1948 Aeronca Champ, was purchased out of New York in early June. It is an 85 hp version, known as a 7DC, as opposed to the popular 65 hp 7AC model.

Dale and the boys continue to work on the Champ with regularity during the winter months. An adjustable seat has been built. The frame has been painted white which is the color of the interior. The fabric for the seats has been acquired. The builders have attached and wired up the tail feathers to the control stick. They have achieved the rite of passage for any builder: each full-grown man has climbed into the seat, swung the stick, and made airplane noises. The motor remains in Wisconsin for overhaul, but since we have not even started with the wings yet, it's just as well.

The work continues. Here are some recent photos:



This is the jack screw for the adjustable seat



The freshly painted fuselage.

Chapter 221
www.eaa221.org

Supporting the recreational builder/flyer with technical, social, and political news to promote flying safety and enjoyment:

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Articles are solicited from all members. Please contact Ron Ryan, or mail articles or news to rryan@lewisreedallen.com



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