

THE FLYER

EAA CHAPTER 304
3600 WILDWOOD
JACKSON, MI 49202



June 2020



The Flyer

Jackson Chapter 304
Experimental Aircraft
Association

**Jackson
County
Airport**



EAA Chapter 304 Officers

President



Charlie Moore
150chuck@gmail.com

Vice President

Tracy Boyers
tboyers@ameritech.net



Secretary

Greg Mears
secretary@eaa304.org



Treasurer

Chuck Furgason
chucknlindaf@gmail.com



Board Members



John Feldvay
t6flier@gmail.com

Youth Director Vacant

Website/Facebook Editor

Joan Feldvay
webadmin@eaa304.org



Newsletter Editor

Linda Furgason
lindafurgason@gmail.com



EAA

304

MEETING CANCELLED

If you need 144 rolls
of toilet paper for
a 14 day quarantine
you probably should've
been seeing a Doctor
long before
COVID-19

Shop

Since we can't do much, check out this link from National. Even if you don't order there's lots to view Suggested by Joan Feldvay

Here are but a few of the myriad of items



[https://eaa.org/Shop/ProductCatalog/productcategory.aspx?](https://eaa.org/Shop/ProductCatalog/productcategory.aspx?ID=953&mkt_tok=eyJpIjoiTl dVNFpHWXlOMlpoWldlNSlsl nQiOiJRVFVrc0VPSDYxZ0xZdDBlYU8xMXlxZTRNc l NqNWxtNkVWVSkZ0VlExY0JZTENjdEx2YVF6c2VOcGhydDA0SkxqM0FqajVcL0FXeThtSFwvc0JibkxtUXlWdE03UVRzOFA2SXNSb3B3eDBRdGlhcGhUK0NDRjQ3VXJwOGNZeWswaHlyIn0%3D)

[ID=953&mkt_tok=eyJpIjoiTl dVNFpHWXlOMlpoWldlNSlsl nQiOiJRVFVrc0VPSDYxZ0xZdDBlYU8xMXlxZTRNc l NqNWxtNkVWVSkZ0VlExY0JZTENjdEx2YVF6c2VOcGhydDA0SkxqM0FqajVcL0FXeThtSFwvc0JibkxtUXlWdE03UVRzOFA2SXNSb3B3eDBRdGlhcGhUK0NDRjQ3VXJwOGNZeWswaHlyIn0%3D](https://eaa.org/Shop/ProductCatalog/productcategory.aspx?ID=953&mkt_tok=eyJpIjoiTl dVNFpHWXlOMlpoWldlNSlsl nQiOiJRVFVrc0VPSDYxZ0xZdDBlYU8xMXlxZTRNc l NqNWxtNkVWVSkZ0VlExY0JZTENjdEx2YVF6c2VOcGhydDA0SkxqM0FqajVcL0FXeThtSFwvc0JibkxtUXlWdE03UVRzOFA2SXNSb3B3eDBRdGlhcGhUK0NDRjQ3VXJwOGNZeWswaHlyIn0%3D)

EAA 304 Board Meeting May 6, 2020 5:30 p.m. Chapter House

Charlie – Call to order and Board member attendance

In attendance: Charlie Moore, Tracy Boyers, Chuck Furgason, John Feldvary, Joan Feldvary, and Greg Mears



Old business

Board agreed to continue Zoom Bd meetings until the pandemic is over

Board agreed that Tracy would email the membership about our plans regarding meetings, etc. during the Covid-19 outbreak. This has been completed

New Business

President opening comments

Still looking for someone to volunteer for garden duty.

Building is in good shape; James VanHoof is back in town and working on his aircraft.

Work on Charlie's aircraft continues, and he is looking at being out of our hangar in approx. 2 months. He is looking forward to flying it this year

Charlie to work on getting all the fire extinguishers checked for recharge to meet regulations

Charlie requested that Joan reach out to the College about the museum. Joan will reopen a dialogue with them to plan for the future.

Vice president comments

Tracy would like to bring a parts cleaner on site to the hangar. Tracy will purchase and let the members use it. Board agreed with this idea

Treasurers report – Read and motion accepted as written

Chuck reported that he needs to submit our 501c paperwork to retain our tax-exempt status.

Secretary Report

Greg asked the board if they had a chance to review the results of the EAA national Chapter poll. Motion was made and approved to have the board thoroughly review the report and add it to the agenda for review at next Board meeting

Webpage-Facebook updates Joan Feldvary

Discussion was had regarding the "free" websites being offered by EAA national Vs. the site we currently maintain. The sites provided by the national are woefully inadequate. Decision was made to continue research on the free site but maintain our current site as it gives us full control over the content. The National has invited Joan and I to attend a virtual meeting on May 12 to discuss some upcoming changes to be made to the free page based on feedback from the chapters. Joan and Greg will report on how the meeting goes at next month's meeting.

Traffic continues to grow on our **Facebook page**

Last 28-day period we have had over 600 visitors

We are up 36% in activity over last month

Per Chuck's suggestion, Greg and Joan will be looking into the demographics reports to see how many users we are getting, and how many are just followers, Vs. new visitors

Comments and Likes are improving as well

Warbird posts continue to be quite popular

Newsletter articles

Charlie will talk to James VanHoof, and Brook Cohen about the status of their builds. Greg can do an interview at some point.

Greg will get together with John Feldvary about an article for the newsletter on the work going on with the Apron at the Airport

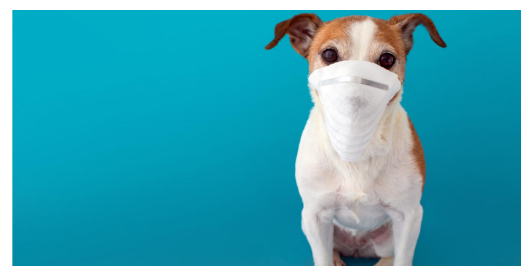
Event Planning-Speakers

All speakers previously scheduled have been canceled and we hope to reschedule them once the pandemic passes.

Tri-Motor update John Feldvary

As you may know, Oshkosh has been canceled. John in communication with Christie Busse, and we are still on the schedule. However, pilot training has been halted. Three possible outcomes at this point, 1)they can pre-empt their visit and cancel for us, 2 We can cancel if we cannot run this safely within established guidelines. We need to give serious consideration about having to do this with masks and social distancing. 3)Lastly, if need be, the airport manager and John can make the decision to cancel the event for the safety of the public. Christie and her team have been great about this and are happy to line us up for next year should we have the need to cancel. Of course, we will give them plenty of warning if we decide to pull the plug. We will discuss further at the June board meeting

Board Meeting Minutes can't on next page



Board Meeting Minutes con't:**Runway 6-24 update**

Construction/deconstruction underway on the old 6-24 runway.

The aggregate materials are being ground up and collected by the county for us at no charge.

Materials will be used by the county for other road projects. Area will be graded, and then become green space

This action will save the airport 1.2 million they would have had to spend to upgrade/repair it

Apron Update

Main contractor pushed date back to June 15th versus May 26th

Project should run until middle of the September

(Greg will write up a detailed article for the newsletter)

Tracy Boyers – Virtual meetings

In order to keep our members interested the board discussed the possibility of having online meetings using Zoom

Greg will investigate getting some of the speakers that we had previously booked for an online meeting

Tracy will put together a communication asking the membership how they would feel about joining us online

New membership application

We reviewed the application form that Joan Feldvary and I have been working on. After much discussion we decide simplify the form, and get it back to the board for final approval

EAA Tool for membership tracking (Item tabled for the June meeting)

Around the table discussion

Joan Feldvary brought up the possibility of recording the Zoom meetings so we can put them on the website. Tracy commented that we could and will look into what is needed to do this.

Meeting adjourned at 6:30 pm

Greg Mears, Secretary

Check out the EAA Chapter 304 Facebook page:

<https://www.facebook.com/EAA-Chapter-304-624715834287473/>

Check out the new Website

<https://eaa304.org>



June 1, 2020.

We will be opening for online ordering, take out, & curbside. We can bring food out to the pilots at their planes or anyone can come in and grab their take out

to order online: https://www.facebook.com/theapron517/?epa=SEARCH_BOX

517-783-3916 www.theapron517.com



**EAA
Chapter 304
MEETINGS**

June 3rd

6:30 p.m. Chapter House MEETING CANCELLED

July 1st

6:30 p.m. Chapter House To Be Determined

August 5th

6:30 p.m. Chapter House

Greetings 304 Members, During the pandemic, the board has been reviewing some of the basics of our chapter operations. One of the items that was noted is that the chapter does not have an "official" Chapter 304 logo.

Fortunately, EAA national provides us with some free resources for logo designs. National has three stock "templates" that they can create for us (free of charge) with the specifics of our chapter.

The board has decided to leave the choice of our official logo up to **you**, our members. We really want and need your participation so please send in your vote soon. It is our hope that once we've decided on a logo, we can look into getting patches, or stickers made. The patches could be worn on EAA apparel, and the stickers could be used on vehicles.

The rules are simple

1. Select the logo that you like the best from one of the three choices

Once you've made your choice, please email your selection to our secretary Greg Mears at secretary@eaa304.org

1. **Deadline** to get your choice in to Greg is **June 14th 2020**. That way we can get the results into the newsletter before the June 20th deadline.

2. Greg will tally the results and present them to the membership via email, and the newsletter.

Here are your choices



Logo Design 1



Logo Design 2



Logo Design 3

Useful Website Links

EAA National Site <http://www.eaa.org/eaa>
Jackson County Airport <http://www.co.jackson.mi.us/232/airport>
Solo Aviation <http://www.soloaviation.aero/>
Skyway Aviation <http://www.skywayjxn.com/default.htm>
Lumen Christi Aviation Club <http://www.304youthaviation.weebly.com>
Aircraft Owners and Pilots Association (AOPA) <http://www.aopa.org/>
MDOT Aeronautics <http://www.michigan.gov/aero>
NOAA National Weather Service <http://www.aviationweather.gov/adds/>
Federal Aviation Administration <http://www.faa.gov/>

Summertime is Flying Time

June 2020



3rd 6:30 p.m. Chapter House CANCELLED

7th Pancake Breakfast and Fly-in: HTL, Houghton Lake; Pancake Breakfast: OEB, Coldwater

13th Muskegon CareAffaire: MKG, Muskegon

14th Flag Day; 33rd Annual Dawn Patrol: 3DA Flushing; Wings and Wheels Show: YIP, Ypsilanti

17th Airport Board 9a.m.

20th Summer Begins SMAT Community Fun Day: IY70, Ionia

21st Fathers Day

28th Ray Breakfast Fly-in: Ray Community Airport (57D), Ray

29th National Camera Day



National
Camera Day

2020 JULY



1st 6:30 p.m. Chapter House - To Be Determined

4th Independence Day



12th Different Color Eye day



NATIONAL DIFFERENT
COLORED EYES DAY

20th National Ice Cream Soda Day



22nd Catchers Day



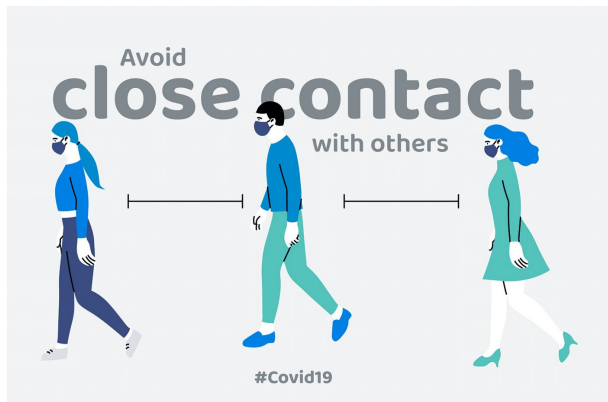
29th Chicken Wing Day



With the Covid-19 Pandemic please Understand that activities are cancelled
whenever the Governor has declared a Stay Home Stay Safe Order
Check out the Michigan Calendar at michigan.gov/aero

20 MORE THINGS TO DO WHILE SOCIAL DISTANCING

1. Reread your all time favorite book
2. Trim someone else's hair
3. Set up a model train in your garage
4. Build an outdoor sculpture with all the recyclables you've been collecting
5. Pull out your refrigerator/appliances and catch the dust bunnies
6. Get take-out to support local restaurants
7. Update your wardrobe with fashionable face masks
8. Complete a home project(s) - you will regret not having done when the stay at home is lifted
9. Fly your Plane—all of them
10. Soak up the sun and get some Vitamin D
11. Create your Avatar (trending on line-check it out)
12. Plant new flowers
13. Pray for all the unemployed
14. Take a hike at a park or on a trail
15. Play solitaire with real cards
16. Do at least one more airplane puzzle
17. Help a neighbor with groceries,
a chore or yard work
18. Write your Christmas cards
19. Mark your calendar for the Ella Sharp Art Beer & Wine Festival now
scheduled for August 8th
20. Check your email—I don't think its working—I am not getting your input for this list or
the *Flyer* Newsletter



Unusual Flying Machines

Bizarre Aircraft We Love, and the Stories Behind Them
September 23, 2015 by William Herkewitz

It's easy to love these funny-looking planes just for their sheer weirdness. But many of them were built to prove a point or to advance the science of aerodynamics.



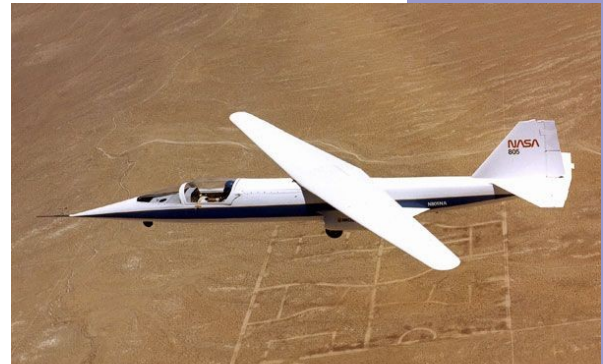
Alexander Lippisch's Aerodyne

To look at Alexander Lippisch's Aerodyne is to be baffled at how engineers managed to get such a crazy thing off the ground. And it's far from alone in the gallery of bizarrely shaped aircraft we've seen over the years. From balance-driven helicopters to inflatable airplanes, even a cursory tour through the history of aviation reveals some strange beasts that look little like the jet shape we're all accustomed to.

You have to wonder, why do aircraft designers keep building such far-out flying machines? We asked Dan Hagedorn, the curator of Seattle's [Museum of Flight](#), who provided more than a few reasons. Over the last 100 years, unconventional aircraft have let researchers probe the still-murky principles of aerodynamics, test novel aircraft design features and technologies, and much more. "The military has also driven a lot of the development," Hagedorn says, and some strange looking machines "were simply built in order to confront genuine or perceived needs," such as refueling in the air, escaping radar detection, or ferrying odd-shaped or heavy cargo. And in a few, rare cases, some odd flying creations help us discover entirely new methods of flight.

George Cornelius was an engineer known for a variety of eccentric glider and airplane designs. During the '30s and '40s, he tinkered with new types of aircraft layouts, including a number of experiments with forward-swept wings (as on the Ju-287). His gliders had excellent stall characteristics and could be towed at high speeds without causing significant drag on the tow plane. When World War II broke out, Cornelius was recruited to design [the XFG-1](#), one of the most specialized aircraft ever produced. In essence, the XFG-1 was a flying fuel tank.

Cornelius planned to have both manned and unmanned versions of his glider, both of which could be towed by contemporary bombers at their cruising speed of 400 kilometers per hour (250 mph), twice the speed most other gliders could manage. In its unmanned form, the XFG-1 was a revolutionary concept. B-29s would tow the unmanned glider behind them with hoses [providing fuel transfer](#) to the mother aircraft. With a storage capacity of 764 gallons, the XFG-1 would act as a flying drop tank. As soon as the fuel tank was empty, the B-29 would jettison the glider, which would then drift down to the ground and crash. This system would greatly increase the range of B-29 bombers, allowing raids on Tokyo and other Japanese cities. The manned form was similar, but supposedly less wasteful, in that it allowed the glider to land rather than simply crashing once the fuel was used up, although one has to wonder what pilot would sign up for the task of flying a fuel tank over a combat zone.



For Research: NASA AD-1

Wind-tunnel experiments and mathematical analysis can only take you so far. Understanding all the dynamics of a jagged object cutting through the atmosphere is a bit like predicting the weather: There are so many variables, you can only extrapolate up to a point. So to figure out how a specific feature, like the shape of a wing, can be affected by the many stresses and conditions the open air will throw at it, researchers sometimes just have to build it, fly it, and find out.

One of the oddest examples of this is the NASA AD-1, first built in 1979. The AD-1 showed that the straight and rigid wing of an aircraft could pivot up to 60 degrees during flight without losing stability.



Cornelius XFG-1

**EAA Chapter 304
3600 Wildwood
Jackson MI, 49202**

The Flyer

is published monthly by EAA Chapter 304.

Issues will be emailed before the end of the month

Deadline for submission of articles is the 20th of the month to be included in the next ***Flyer***.

Email to lindafurgason@gmail.com



EAA Chapter 304 meetings are held the first Wednesday of each month at 6:30 p.m. at
EAA 304 Sport Aviation
Center
3600 Wildwood Ave.
Jackson, MI 49202
unless otherwise published
Everyone is welcome

Thank you to this month's The Flyer contributors:



Joan Feldvary

Greg Mears

From the Editor, Linda Furgason