# EAGLE'S PROPWASH

# EAA CHAPTER 113 BACKYARD EAGLES

Our Web Site: www.eaa113.org group.eaa113.org

Gatherings: 7:30 PM
the 3rd Thursday of each
month at the
EAA 113 AVIATION
EDUCATION CENTER
Mettetal Airport (1D2)
8512 Lilley Road
Canton, MI 48187
(734) 392-8113





# MAY 2022 ISSUE CHAPTER 113 "The Backyard Eagles"



Congratulations to Martin Filiatrault on the test flight of his RV-8 Falsi-Fighter.

Photo Courtesy of Martin Filiatrault

## Member Services

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(248) 890-6767				
(734) 645-1150				
	(734) 261-5518 (734) 223-2675 (248) 890-6767			





#### **CHAPTER MISSION STATEMENT:**

"EAA Chapter 113's major focus is on the relationships with people who have diverse aviation interests, centered around their love of flight, fellowship, learning, and fun.

Chapter members have a passion for flying and are willing to share it with others.

Chapter 113 provides the opportunity for exchange of information, as well as the interaction that leads to friendships that last a lifetime."

#### **BOARD OF DIRECTORS:**

"The Board of Directors are to provide both advice and assistance to the chapter officers on an ongoing basis."



# PRESIDENT'S PODIUM

Dave "Drano" Steiner (734) 645-1150 president@eaa113.org May 2022



## EAA 113 Scores a Perfect 11 of 11; Maintains GOLD LEVEL Chapter Status for 2020-2021

Thanks to all YOUR efforts we maintained our GOLD LEVEL status with EAA. So give yourselves a BIG pat on the back. 113 checked off all eleven boxes for chapter scoring for recognition at the highest level of chapter activity, participation, etc. Just something else to top off our 60<sup>th</sup> year celebration! Well done. Remember, the only thing harder than getting to the top is staying there. So, let's all think how we can help EAA 113 continue to excel. Thanks everyone!!!

## YES! The FAMOUS EAA 113 Pancake Breakfast Is BACK! (One box checked)

After a two-year hiatus due to COVID, the famous and very popular EAA 113 Father's Day Pancake Breakfast is back. So start your Father's Day off right by volunteering for the event, and having your family, friends and neighbors come and support this effort. All proceeds go to the EAA 113 Scholarship Fund. Jim Brown has agreed to be the Director of Pancakes, so he'll be able to find you something to do when you volunteer to help. Or just let him know what you've done in the past and can't wait to do again! Email Jim at: jb.fly@att.net or email me and I'll pass it along. Thanks, Jim!

#### EAA 113 Now Owns an RV8 Quick-Build Kit

Thanks to a generous donation by former member, Glen Wagner, we now own an aircraft kit. Move-in will be April 30<sup>th</sup>, so next time you poke your head into the Don Zimmermann shop, expect to see a project being readied for members to work on. Of course we can't own an AC, but with long wait times for kits, we expect to be able to sell this once completed. And it is a great opportunity for member involvement and chapter fundraising. So stay tuned! Interestingly, Glen's daughter, Jennifer, was an EAA 113 scholarship recipient many years ago, and went on to work for Boeing as an aerospace engineer.

# The \$100 Maple Syrup Challenge

It was a strange season. We thought we'd be lucky to get 30 gallons, but a late (near mid-April) weekend of sap run, collection, boiling and bottling had us end the season with 42.9 gallons of the golden nectar. But the fly to TVC challenge is still on for this season! We are there June 13-17 for final cleanup (and golf). So if you fancy flying to TVC and returning with some "free" pure Michigan maple syrup, get in contact with me via email or phone to double check we'll be there: dranodavec47@gmail.com or 734.645.1150. We'll be glad to pick you up at the TVC FBO and take you out to the sugar shack OPS. Of course, part of the deal is that you must also submit an article and pictures about your adventure to Liz for the newsletter. For those who know former EAA 113 member, Joe Freiman, he'd like to see you too, as he has some acreage and is living on Mission Peninsula. Or pop up to Charlevoix and visit Tony England. Heck, even without the syrup it is a great area to fly to. Besides TVC, show me your bumps into mystery airports, 7Y2, 5D5, Y87 or 59M for extra bottles of syrup.

Prop Wash Content - Keep that content coming for the newsletter! A few photos with captions and a short paragraph or two about *your* latest aviation adventure are all that we ask. Send to: newsletter@eaa113.org. Please do share your aviation escapades. Pilot or not.



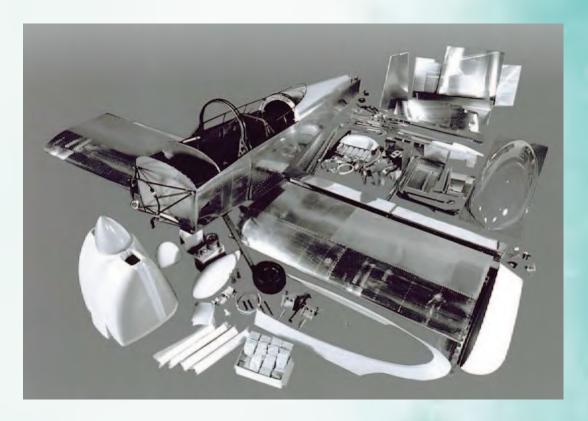
- EAA113 Chapter is hosting a Flying Start event on Saturday May 14<sup>th</sup> at 9 AM at their hanger at Mettetal Airport – Canton MI
- There will be a presentation providing great insight into the training and costs to become a Sport or Private Pilot.
- Flights will be provided to participants that pre-register at www.flyingstart.org
   click on the icon for our event.
- <u>EAA Membership is not required Pass this info onto others that may have an</u> interest. Must be age 18 or older.
- We need additional volunteer pilots for this event. Contact Dan Jones at <u>flyingstart@eaa113.org</u> or call 248 820-7901.



Come build your own "hot dog"!

It is time to enjoy the warmer weather and the first picnic of the season. The chapter will supply the hot dogs and chips. Feel free to bring along a side dish or dessert to share.

# May General Gathering—"Come Build with Us!" Thursday, May 19th, 2022 Special time—6:30 p.m.



# Come build an airplane!

The meeting will be a presentation on a "hot" new arrival to our Workshop.....a donated RV-8 project! We will also have a "frank" discussion about a Chapter build project.

# faa 113's Annual Father's Day

# PANCAKE BREAKFAST

The return of the good 'ole Days!

JUNE 19TH, 2022



METTETAL AIRPORT (1D2)
EAA 113 AVIATION CENTER
CANTON, MI
7:00 A.M. ~ 11:00 A.M.



fly in or Drive in ...

... for breakfast, helicopter rides and static displays!



Proceeds help fund the EAA 113 Youth Education and Aviation Scholarship Programs

For more information visit our website: www.eaa113.org



### Dear Chapter President,

Congratulations to your chapter in successfully reaching the GOLD level status recognition level for the combined 2020 and 2021 years. EAA is happy to present you with a chapter recognition banner to proudly display where your chapter meets. Your level also will be displayed online at EAA.org/FindAChapter with a specially designed emblem. You are encouraged to use your emblem on your website, newsletter, and other promotional materials; your chapter emblem is attached in this email.

To review your chapters overall scoring, please see the attached spreadsheet document, and simply find your chapter.

This program was developed and measured in partnership with EAA's Chapter Advisory Council, and is based on 10 criteria that are consistently found in active and highly engaged chapters. Due to 2020 and 2021 being, challenging years for chapters to maintain a high level of engagement, these years have been combined into a single recognition period. This was done to help chapters have a longer period of time to engage in the 10 criteria. An additional 11<sup>th</sup> criteria point was included this year to help offset the unique challenges associated with limited social engagement, and to observe unique chapter approved activities. Each is worth a point, and there are three levels of recognition: bronze (7 out of 11), silver (8 out of 11), and gold (at least 9 out of 11).

- 1. Attends a chapter leadership training session
- 2. Growing or steady membership
- 3. Offers IMC or VMC Club programs
- 4. Participates in Young Eagle or Flying Start programs
- 5. Has EAA-approved Flight Advisor or Technical Counselor
- 6. Participates in EAA's Annual Chapter Member survey
- 7. Participates in Young Eagles Build and Fly, Young Eagles Workshops, Ray Aviation Scholarship program, or sends a youth to EAA's Air Academy
- 8. Requests an EAA ChapterBlast email
- 9. Hosts at least two public events each year
- 10. Owns/leases a facility
- 11. Extra credit activity, such as a chapter build project, youth build project, chapter scholarship, a chapter tool crib, IAC competition, etc.

To learn more about this program, how scores are calculated, and how to improve your chapter's recognition score, please visit <u>EAA.org/ChapterRecognition</u>. If you have additional questions, please call us at 920-426-5912 or send an email to <u>chapters@eaa.org</u>.

Tailwinds,

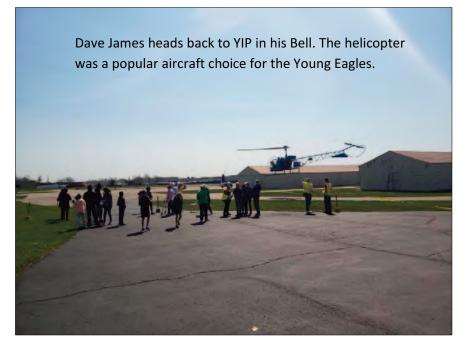


# Young Eagles event April 23rd - Dave Steiner

We had nearly perfect VFR conditions for our first YE event of the year after the initial attempt last month was cancelled due to wx. The light winds were even pretty much down runway 180! Debbie Redding and Rachel Lindvig ("supervised" by Rachel's baby daughter) checked in all the young flyers. Many thanks to all the volunteers who helped load aircraft and keep the event safe and moving along efficiently. The new iPad sign-in worked well (well, a few internet issues) to reduce paperwork and streamline the process. Herb Schulke brought in his flight simulator and a few of the kids enjoyed having a go at that. About 41 rides were given to the young would-be aviators in four AC. Special thanks to our volunteer pilots, Dave James (Bell Helicopter), Rick Karaschin (C-172) and Dirk Wolf and Joe Hood (Mooneys). We had several repeat YE flight participants, logbooks at the ready. When they get older they could be Ray Scholarship or EAA 113 Don Zimmermann Scholarship candidates and recipients. All the kids had a great experience.







# **2022 EAA 113 Aviation Scholarships**

The EAA Scholarship Committee is proud to announce the recipients of the 2022 Aviation Scholarships. It is an honor to offer these young people financial support on their aviation journeys. We can sense their passion and are confident they have a great deal to offer the field of aviation.

## Aarya Manikantan

Our first recipient has been awarded a \$500.00 scholarship to attend Air Academy in Oshkosh, Wisconsin this summer. Aarya attends Middle School in Novi. He has been a Young Eagle at Chapter 113 several times and is also a member of the Civil Air Patrol. He has visited several aviation museums around the country including attending an overnight camp at the Kalamazoo Air Zoo.

Aarya is particularly interested in military aircraft. He uses his interest in reading to further gain knowledge in this area. His favorite book is "The Encyclopedia of Aircraft of WWII"! He plays various aviation simulator games and enjoys watching aviation documentary programs. Aarya has the goal of becoming a Commercial airline pilot one day.



Look for Aarya to give a presentation to the Chapter after attending Air Academy Camp this summer.

#### **Jack Javor**

Jack Javor is the recipient of a \$3,000 EAA 113 2022 Aviation Studies Scholarship. Jack will be graduating from Plymouth High School this Spring. He has been accepted to the University of Michigan Dearborn for the Fall of 2022 where he will pursue a degree in Engineering.

Jack has had an interest in aviation since he was in the second grade, when he started flying remote control airplanes. By the time he was in the Fifth Grade, he built his first RC plane and joined the Flying Pilgrims RC Club. Now, he is instructing at the club in addition to building more airplanes.

When Jack was 15, he went on his first full scale flight lesson. He was surprised the instructor let him fly most of the flight with no prior actual flight experience! It was that first lesson that sealed his fate for aviation. He continued with lessons as able with school and a pandemic. Jack is near his check ride for his Private Pilot License now and will proceed on with his Instrument Rating.

Jack's goals are to become a Flight Instructor and work in that capacity throughout college. He plans to earn a degree in aeronautical engineering and eventually design airplanes.

Clearly, Jack's perseverance and passion will push him to success in aviation. Good Luck, Jack!!



# Megan Ianni

Our second recipient of a \$3,000 EAA 113 Aviation Studies Scholarship is Megan Ianni. Megan is from Portage, Michigan where she attended Kalamazoo Valley Community College. There she received an Associate of Arts in Business Administration and was awarded with the distinction of honors. She is currently attending Western Michigan University where she is pursuing a dual degree of a Bachelor of Business Administration, majoring in Finance and the second is a Bachelor of Science, majoring in Aviation Management and Operations with a minor in Aviation Supply Chain Management.

She has worked and saved since she was a sophomore in high school to attend college debt free thus far. Her most recent job was at a local cabinetry company where she learned the business operations quickly and became the senior operations manager. She coordinated budgets, production schedules, negotiating contracts, and maintained financial recordkeeping. She was fortunate to have the opportunity to job shadow staff at the Grand Rapids International Airport. She was able to network and explore her aviation passion.

Megan's career goals are to work at an airline and perform network planning and innovation which will emphasize a balance of profitability and efficiency for the airline. This ultimate dream job combines her passion for aviation and planning. She credits the hometown museum, the Air Zoo, for her interest in aviation. It was co-founded by Suzanne Upjohn DeLano Parish, a WASP who served in the United States Armed Forces during World War II. With Sue Parish as her role model, Megan continues to keep her passion alive because she can see how women can succeed in every field of aviation. She hopes to one day earn her Master's degree so she can teach aviation to pass along her love of aviation to others.



Megan's drive to succeed and proven successful track record, will take her great distances along her aviation path and through life. Best Wishes, Megan!

# Congratulations to the recipients of the 2022 EAA 113 Aviation Scholarships!

Look for an update on our current Ray Scholar, as well as an introduction to our newest Ray Scholarship Applicant very soon!

# MARTIN FILIATRAULT'S RV-8 PROJECT FIRST FLIGHT!

The morning of April 29 started in chaos, which has become the new normal for us at home. I arrived at the hangar feeling more nervous than I should have been as I carried out preflight checks. My Canadian friends Steve Thorne (of FlightChops fame) and Dave Carrick (Canadian Aviation Museum Chief Pilot and my test pilot) were enroute to PTK for the first flight of my RV-8. It didn't help that, just before they arrived, I received a text from my wife Amy saying she just learned that her brother-in-law (and good friend) had died earlier that morning of a heart attack. I tried to keep my emotions in check and stay focused on the tasks at hand as they landed and taxiied to Customs at 11:30 a.m.; right on time.



Once they cleared Customs and got over to my hangar we got right to work, going over Dave's flight test cards and setting up cameras. When all was ready, Dave climbed into the cockpit and started the engine.





It was a busy day at the airport and it took awhile before I was able to live the dream every homebuilder strives for: My aircraft was airborne!





Unfortunately the exultation didn't last. As he accelerated out of the pattern and climbed to test altitude, Dave reported a vibration and that he was returning to land. He landed safely after only flying for five minutes.

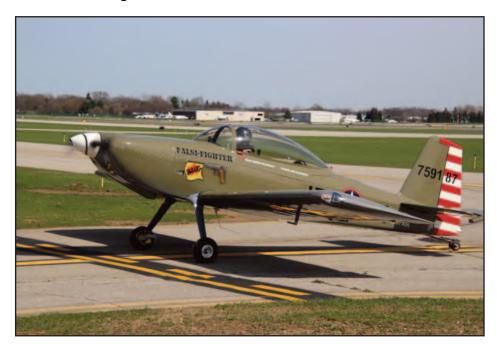
The vibration was a buzz that began at 140 knots and got stronger at 160 knots. I surmised that it may be either the upper intersection fairings or the canopy skirt, neither of which fit as well as I had hoped. We removed the cowling and inspection engine; a few oil drops and a loose dipstick tube were discovered. I tightened the dipstick tube and secured it with fresh safety wire, then applied aluminum tape around the upper intersection fairings in the hope that would cure the problem.



After a short break, Dave revised his test cards and saddled up for the second test flight.



He reported that the vibration was still there and it was definitely the canopy. It would begin at precisely 139 knots and would increase until becoming severe at 160 knots. No point in continuing, since engine break-in required high power settings and higher speeds. Dave did the low speed portions of the test cards and returned to base after another 25 minutes of flight.



We discussed the situation in depth and reached the following conclusions: Aside from the vibration, the aircraft flew perfectly. The rigging seemed absolutely true; it required no aileron trim, elevator trim or rudder trim and the engine seems very happy. Dave assured me that it was an excellent airplane that I should be proud of and it would be a delight to fly, but the vibration had to be addressed before it should be flown again. It would appear that the gaps in the skirt just happen to be in the correct shape and locations that will allow the airflow to induce flutter similar to the reed of a woodwind instrument. There are a few ways to treat this issue; seal the gaps, stiffen the skirts or reshape them. There would be no first flight for me tomorrow... but that's ok. The airplane flies fine; the vibration caused no damage aside from some clear coat scuffing and Dave brought it home safely. There was still reason to celebrate, so we drank a toast. Dave doesn't drink alcohol and Steve had more flying to do, so Dave had his own flavored water, Steve tried Vernor's Ginger Ale for the first time and I sipped a wee dram of Dalwhinnie Single Malt Scotch that I'd been saving for the occasion - only one, because I had to drive later. They departed at 6:00 p.m. and I lingered at the hangar, savoring the moment until sunset.



I headed home with all my gear and beverages, and Amy and I drank a toast to my first flight and to the memory of her brother-in-law; a good and honorable man who will be dearly missed.

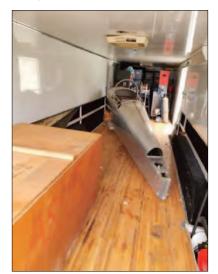
So I guess I was premature about that dearth of material for the newsletter. There's more work to be done, and still my first flight in my Falsi-Fighter, so stay tuned!

Photos Courtesy of Martin Filiatrault



# RV-8 Moved to EAA 113 Don Zimmermann Workshop

On April 30<sup>th</sup> EAA 113 VP John Maxfield headed up a crew to move the donated RV-8 project to

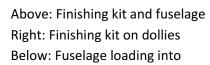


EAA at 1D2. We had a good crew, and a nice trailer for the big items, wings, fuselage and finishing kit, so it went pretty smoothly. The wings were already on a castored cradle as was the fuselage so that made moving them easy. Thanks to all who helped, amongst them Martin Filiatrault (also provided some of these pictures) whose RV-8 recently took its first test flight! and Paul Draper who is building an RV-8.



Fuselage gets rolled out

Wings were cradled, ready to wheel out



trailer.

Below middle: Misc items in John's

car











Left: In goes the finishing kit, thankfully very light weight.

Right: The covered trailer was very nice with plenty of E-tracks for securing the big pieces.







Secured and ready for the trip to 1D2

Ron was our driver & rigging expert. Thanks!

Glen Wagner, left, donated the kit









The Don Zimmermann workshop addition was designed for easy in/out of sub-assemblies.

So, more than "some assembly required" to make this kit flyable, but that's the fun and challenging part of EAA E-AB. First EAA 113 AC project!

# 2022 CALENDAR OF EVENTS FOR EAA 113



<u>Mark Your Calendars</u>. . . The EAA 113 calendar is continuing to fill up with some of our favorite events. Plan on joining us for some just "plane" fun at the airport once again!



May		
14	Flying Start	
19	19 Picnic prior to the General Gathering	
June		
4	Annual Awards Banquet	
19	Father's Day Pancake Breakfast	
July		
24-30	Oshkosh AirVenture	

# **MYSTERY AIRCRAFT CHALLENGE**

Who will be the first to identify this aircraft and engine? Send your guesses to newsletter@eaa113.org. Winner will be announced at the next chapter gathering.











# Songs of the Sky



After two years of trying to pull off this musical concert, the environment has finally allowed us to reschedule our entertainment. It is our pleasure to announce the entertainment for the Annual EAA 113 Awards Banquet will be **Ken Dravis**, "The Singing Pilot". Ken's love of aviation is demonstrated throughout his music. Surely, you have heard his famous words of advice sung in "You Can Always Go Around"! Ken will join us, as he has so many others all around country, to sing some of his favorite Songs of the Sky.

Ken grew up with music, learning to play the guitar when he was seven. Just a few years later he began recording music and writing his own songs. Country and folk music had the greatest influence on him, with John Denver becoming his mentor and later employer. To make a living while trying to break into the music industry, Ken became a corporate pilot.

Ken writes music not only about flying, but also nature and touching love songs. Currently, he has ten published CD's. Many of you may have heard Ken in concert at Oshkosh. He will be joined this evening with his wife, Allison, accompanying him on violin and mandolin. All ages are certain to enjoy this concert. Make your plans now to attend the Annual EAA Chapter 113 Awards Banquet on June 4th, 2022. Due to the capacity of our Aviation Center, tickets will be available on a limited basis so be sure to purchase yours early. You don't want to miss this opportunity to meet Ken Dravis!



June 4th, 2022 the EAA 113 Aviation Center Gathering at 6:00 p.m. ~ Dinner at 6:45 p.m. Tickets \$30 per person ~ Business Attire Please







# May 2022



Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5  EAA 113 Home  Builders  Gathering 7:30 pm		7
8 Wother's DAY	9	10	11	EAA 113 Board Meeting 7:30 pm	13	EAA 113 Flying Start 9:00-am11:30am
15	16	17	18	EAA 113 General Gathering & Picnic 6:30 pm	Last Day to Purchase Banquet 2022 Tickets	21
22	23	24	25	EAA 113 IMC Club Gathering 7:30 pm	27	28
Jackson Greakfay	30 Remember MEMORIAL DAY	31				



## DONATE A PORTION OF YOUR AMAZON PURCHASES TO EAA CHAPTER 113

Want to help make a difference while you shop in the Amazon app, at no extra cost to you? Simply follow the instructions below to select "Chapter 113 Experimental Aircraft Association" as your charity and activate AmazonSmile in the app. They'll donate a portion of your eligible mobile app purchases to Chapter 113.

How it works:

- 1. Open the Amazon app on your phone
- 2. Select the main menu (=) & tap on "AmazonSmile" within Programs & Features
- 3. Select "Chapter 113 Experimental Aircraft Association" as your charity
- 4. Follow the on-screen instructions to activate AmazonSmile in the mobile app



# THE ZIMMERMAN WORKSHOP IS IN NEED OF YOUR SUPPORT!

Do you have some tools sitting around that you no longer use? Are you looking to declutter your shop? EAA Chapter 113 can help. The Zimmerman Workshop is open for business but is still in need of a few select tools. The following tools are needed to complete the shop: Chop Saw, shrinker / stretcher, roller, tin snips, air drills, rivet guns, and heavy duty shelving. If you have any of these items that you would like to donate or know someone who does, please contact John Maxfield at johnomaxfield@gmail.com who is overseeing the outfitting of the new shop area, or contact Jim Brown or Doug Sytsma with any questions.

Thank you for your support.



#### SUGGESTED GUIDELINES FOR PROPWASH NEWSLETTER

- 1. Please send all PDFs in LANDSCAPE orientation. If the PDF is more than one page, please send each page as an individual PDF document.
- 2. Please DO NOT format text. Send it as plain text in MicroSoft Word or as a PDF landscape file if you want your specific layout to be kept.
- 3. The deadline for the newsletter will always be the First of every month.
- 4. Please send material to: newsletter@eaa113.org or Roogey.Batoon@gmail.com

Thank you. Elizabeth Hebron, *Propwash* Editor

P.S. I'm always in need of cover-worthy photos of your aircraft!

# Next Chapter Gathering:

May 19, 2022

Special Time - 6:30 PM

at the

**EAA Chapter 113 Aviation Education Center** 

8512 N. Lilley Road Canton, MI 48187 (734) 392-8113

# Father's Day Pancake Breakfast

Our annual Father's Day Pancake Breakfast is coming up fast. As always, we'll need a strong turnout of volunteers for the June 19th event as well as for setup on the Saturday morning before. You can sign up for a work assignment at this month's Chapter meeting. If you can't make the meeting to sign up, just drop a note to Jim Brown (or 313-570-6374) to let him know how you would like to assist or if there is a task that you have always done in the past and are willing to continue doing. We plan for up to 1,000 guests, so we need lots of help. Thanks in advance for pitching in!

