

EAGLE'S PROPWASH

FEBRUARY 2022 ISSUE

CHAPTER 113 *"The 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



Shahar Golan's A-10 Warthog simulator cockpit project.

Member Services

Class I Board of Directors:

President: Dave Steiner	(734) 645-1150	president@eaa113.org
Vice President: John Maxfield	(248) 890-6767	vicepresident@eaa113.org
Secretary: Molly Pyles	(512) 694-8439	secretary@eaa113.org
Treasurer: Dave Buck	(734) 223-2675	treasurer@eaa113.org

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Al Bosonetto	(734) 261-5518
Jim Brown	(313) 570-6374
Dan Jones	(248) 820-7901
Jack McClellan	(734) 748-4378
Library: Barb Cook	(734) 277-3469
Newsletter: Elizabeth Hebron	(734) 776-9294

library@eaa113.org
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Class III Board Member:

Joe Kirik	(248) 872-3220
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Membership Committee:

Al Bosonetto, Dave Buck, John Maxfield

Dues: Dave Buck	(734) 223-2675
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Technical Counselors:

Randy Hebron	(734) 560-2115
Dan Jones	(248) 820-7901

Flight Advisors:

John Maxfield	(248) 890-6767
Dan Valle	(313) 539-9818

Scholarships:

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Debbie Redding	(734) 397-3452
John Maxfield	(248) 890-6767

Young Eagles:

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Flying Start: Dan Jones	(248) 339-6236	flyingstart@eaa113.org

Homebuilders:

Martin Filiatrault	(248) 608-7202	builders@eaa113.org
IMC/VMC: Herb Schulke	(734) 233-7864	imcvmc@eaa113.org

Web/Tech Support:

Stefan Rairigh	(734) 383-4346	webmaster@eaa113.org support@eaa113.org
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Aviation Center Management Committee:

Al Bosonetto	(734) 261-5518
Dave Buck	(734) 223-2675
John Maxfield	(248) 890-6767
Dave Steiner	(734) 645-1150



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
February 2022

The \$100 Maple Syrup Challenge

Last year I issued a challenge that anyone who flew up to TVC to see how my brother and I produce maple syrup on the Mission Peninsula would get a free 12 oz. bottle of syrup. Well, the challenge is on again! We'll be up there on and off, depending on how the sap flows, in February, March and April, and also in June 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 see if 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 to show you where we make about 40 gallons of the amber nectar each season. Of course, part of the deal is that you must also submit an article and pictures about your adventure to Liz for the newsletter.

A-10 Cockpit Simulator – WOW!

At the January *Gathering* we were highly entertained and truly amazed by Shahar Golan's A-10 Warthog simulator cockpit project. Absolutely incredible! His attention to detail and ability to custom-fabricate everything from the ejection seat parachute pack (he bought a sewing machine on eBay just to do it) to 3-D printing a variety of knobs and instrument displays on the side control panels were astounding. We are hoping through Chapter contacts to find an A-10 driver to help Shahar critique his work for authenticity. That's Shahar's request; we certainly could find no fault! See the pictures elsewhere in this Propwash.

Young Eagles

I just read in the January edition of *Sport Aviation* that Young Eagles rides were down 90% in 2020 and 50% in 2021, due to COVID concerns and protocols. In this 30th year of Young Eagles programs, EAA hopes to get back to something closer to pre-COVID levels, and will be offering incentives to chapters and volunteers, and especially pilots, to get involved. You can do your part by making sure you are registered and current in the Child Protection Program (easy to do on the EAA website and good for two years) and volunteering either as a pilot or ground support for the YE events Chapter 113 will be hosting this year. The dates are on the calendar in this edition, so make sure you *save the dates*. The more volunteers we get, the more YE rides we can do. And the more credits EAA 113 gets for the EAA summer air academy. We don't want to have to turn these young people away!

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. No need to be a pilot.

COVID update - As per EAA HQ directive, EAA 113 will continue to follow all local health authority and CDC guidelines to keep members safe and help prevent the spread of COVID 19 and any variants. Be careful and be safe out there.

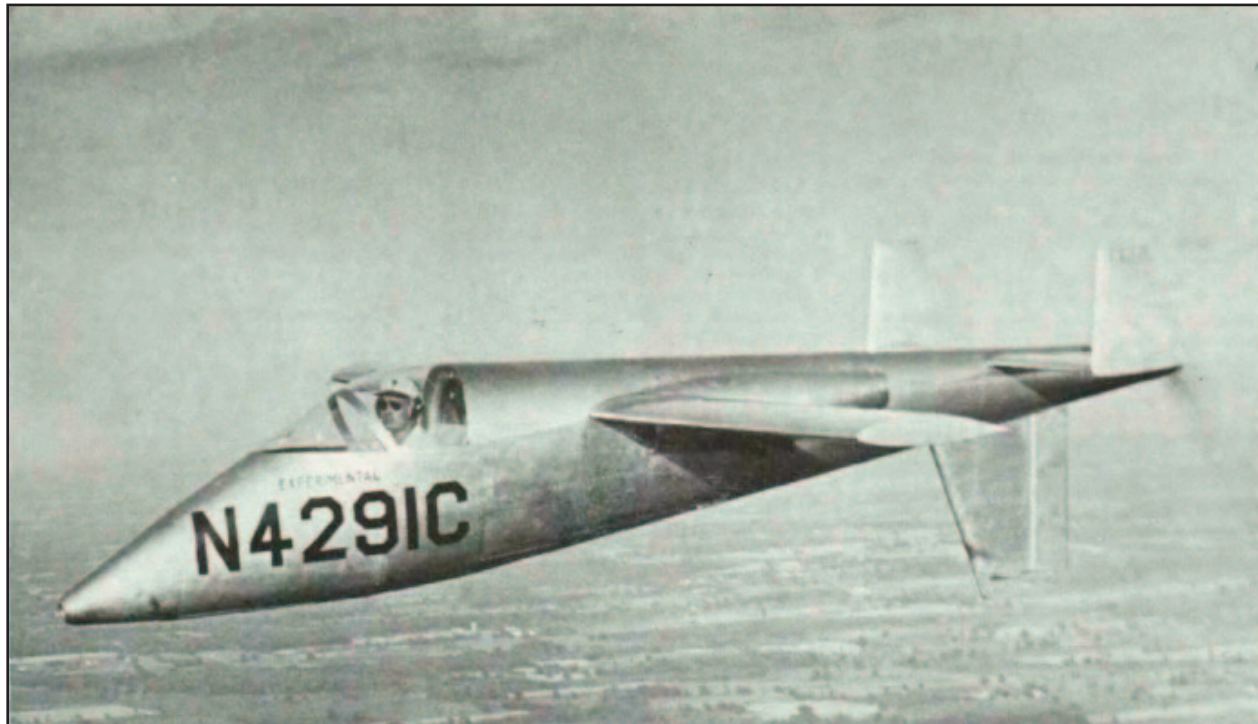
FEBRUARY 17TH EAA 113 GATHERING & BUILDER'S MEETING AT M-FLYERS LAB, U OF M NORTH CAMPUS

SAVE THE DATE, Feb 17th at 7pm for a tour of the M-Flyers lab! It appears the stars have once again aligned in the favor of EAA Chapter 113. The snow storm would have likely cancelled the Feb 3rd Builder's Meeting, but not to worry, it was going to be combined with this visit to the lab for the Feb 17th Membership Gathering anyway. So, barring another snow storm, everyone who wishes will be able to take a tour of this very large and well-equipped facility and see what the next generation of aerospace engineers is dreaming up. This will be an off-site event, so don't go to 1D2 that night. No one will be there. There is plenty of free parking near the building we will be entering.

More details will follow as we get closer to the event, but expect to see:

- Three, 10-12 ft wingspan UAV projects, designed and build by U of M aerospace engineering students
- Professor Ed Leshner's NOMAD EAB; Leshner was an EAA 113 member and in addition to the scratch-design/built NOMAD he also designed and built the record-setting TEAL that hangs at EAA HQ. Google it for more information.
- Maybe get a peek at the 5 x 7 wind tunnel

So, hope to see you there and stay tuned for more information via email about the event and where we'll meet to be escorted in. Masking will be required.



Ed Leshner's Teal.

2022 CALENDAR OF EVENTS FOR EAA 113



It is time to Mark Your Calendars. . . EAA 113 is starting to fill the 2022 calendar with many fun events to bring members back to the airport! We will start off slowly as we gauge member and volunteer participation. Just rest assured, there are several larger, Chapter favorite events being planned for later in the year, as well. We continue to hope the pandemic situation eases so we can return to the "good ole days" and enjoy the aviation camaraderie with our friends, once again.

Please understand all events are fluid and subject to change. We look forward to your participation as you feel comfortable and are able.



February	
17	General Gathering will go on the road to visit the U of M Aviation Engineering Lab — 7:00 p.m.
March	
12	Member Workshop
26	Young Eagle Rally
April	
23	Young Eagle Rally
30-1	LSA Repair Workshop
May	
14	Flying Start
19	Picnic prior to the General Gathering

Be sure to check our website: www.eaa113.org and the EAA Chapter 113 Facebook page for any changes to the schedule.



Don't forget:

It is time to pay your Membership Dues!!

Your \$35 Cash or Check made out to "EAA 113" can be
given or mailed to

Dave Buck at 8512 N. Lilley Road, Canton, MI 48187

or use Paypal with the
convenient "Dues" button on the website:
www.eaa113.org



SUBMISSION GUIDELINES FOR *PROPWASH* NEWSLETTER

1. Please send all articles/PDFs in LANDSCAPE orientation.
2. Please DO NOT format the article. Send it as plain text in MicroSoft Word or as a PDF landscape file if you want a specific layout to be kept.
3. The deadline for the newsletter will always be the First of every month.
4. Your Editor thanks you for your assistance!

Shahar Golan's A-10
Warthog simulator cockpit.



Dear Chapter 113,

It's my absolute honor and privilege to inform you that our Ray Scholar, Marissa Schmude, officially took flight on her own! After several postponed potential solo days due to weather, Marissa completed her first solo flight on December 28th, 2021 shortly after 10 AM. I won't tell you what her mom said as Marissa taxied towards the runway, but we all got a great chuckle. Her flight instructor stood along with all of us as we cheered her on while she flew three full laps in the pattern at Ann Arbor in a Cessna 152.

Marissa is now studying hard to take her written exam, while continuing her flight training. She's well on track to completing her private pilot certificate this Spring, before heading off to college in the Fall to continue her aviation studies.

Please join me in congratulating Marissa on an outstanding job so far!

Best, Molly

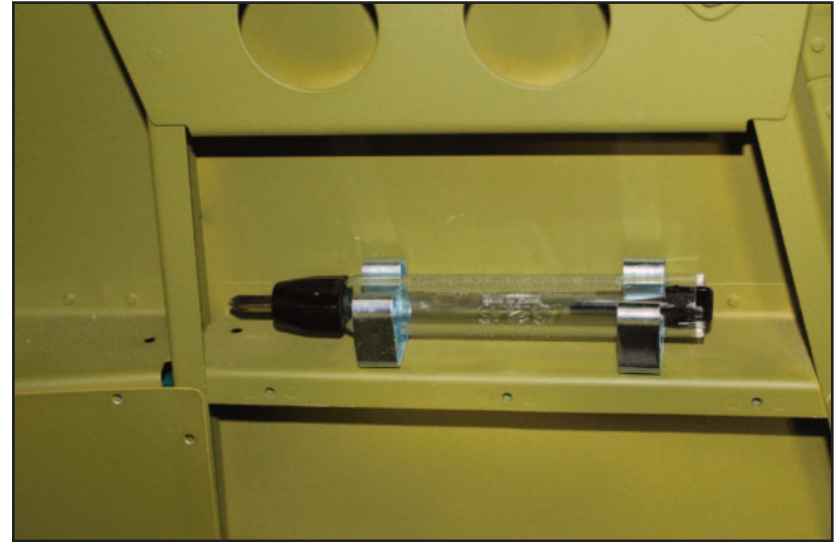


JANUARY UPDATE ON MARTIN FILIATRAULT'S RV-8

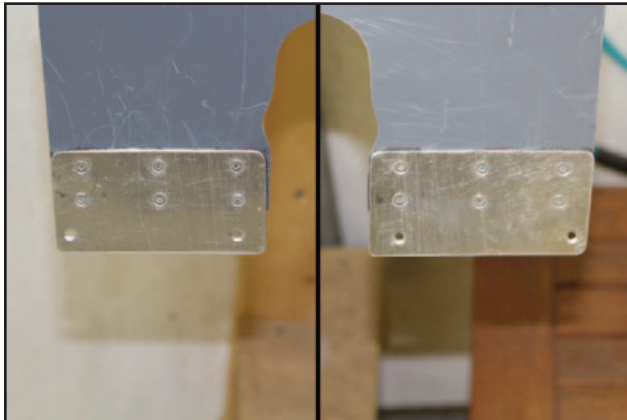
By Martin Filiatrault

Amy and I were sick this month with bad colds; that combined with cold weather slowed my progress on the RV-8.

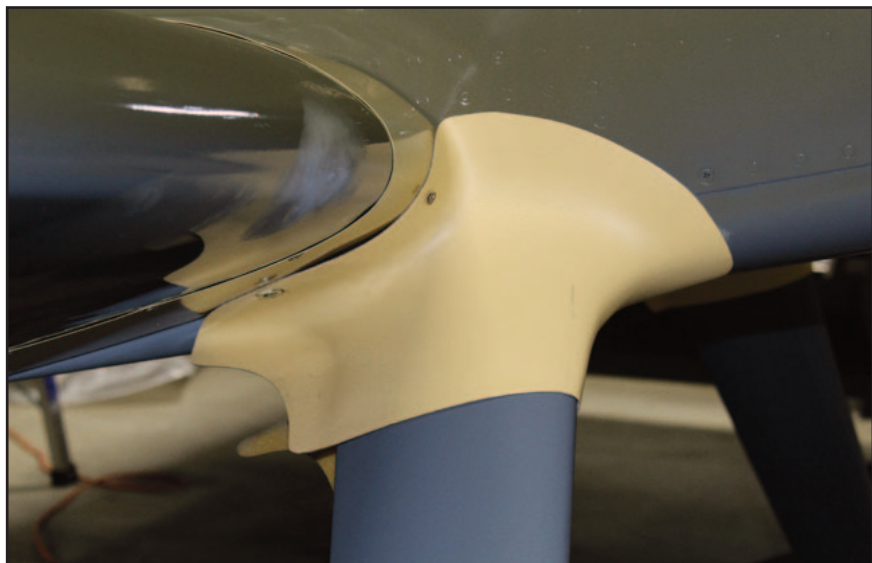
I fabricated a pouch for the left side of the cockpit that would hold my Ultimate Gust Lock and also installed grip clips to hold a fuel tester.



I wrapped up the basic fabrication on all the empennage fairing parts. The upper empennage fairing was a bit warped with time and required modifications to the aft tabs to improve streamlining. The trickiest part was getting nut plates riveted onto the inside of the top aft skin with the empennage assembled and no direct access to the inside of that area. Dave Pohl helped me with that, using a heavy duty magnet wand inserted through a lightening hole in an aft bulkhead. The parts aren't completely finished yet, but they're airworthy. They will be smoothed and painted next summer.



The last parts that require fabrication are the upper gear leg intersection fairings. Working on modifying fiberglass parts in a freezing cold hangar can be problematic, but I've started the process. The right fairing supplied by RVBits doesn't fit very well at this stage, so I've been concentrating on the left fairing for now. Still some fitting to be done and problems to be solved but I'm making progress.



I will continue working on the upper intersection fairings until conditions are suitable for the first engine run. After that: drain fuel; do weight and balance; calibrate avionics; disassemble for airworthiness inspection; reassemble for first flight. Expecting some momentous news to share next month. For additional details; check out my blog here: <http://goatflieg.blogspot.com/>



EDITOR'S NOTE

Elizabeth MacKenzie Hebron (734) 776-9294

newsletter@eaa113.org

February 2022

History Lesson: The Story Behind the Backyard Eagles Logo

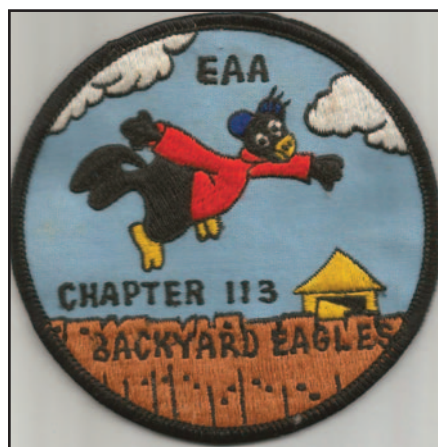
I was wondering how many members know the story behind the Backyard Eagles logo. I've been around the chapter for something like 40 years and I didn't know the answer, so I asked John Maxfield. His Dad, Orlo, was a charter member of the chapter and John literally grew up at the airport. Here's what John had to say:

It's my understanding that the 113 logo was designed by Edna Hurst, Dan Hurst's wife. The logo has been around almost from the beginning of the chapter as Dan and Edna weren't charter members but joined soon after. The design idea was to convey a common bird, a crow, happily flying in casual clothes through the backyards of common men. Not knowing or caring that he's a crow, the bird has the pride and love of flight of an eagle. Similarly, EAA and Chapter 113 are made up of the everyday man and woman who are building, restoring, and flying planes with the skill and pride of professionals.

Dan is the builder of the award winning, white and black Pietenpol, pictured on the bottom row about in the middle of the meeting room wall. Dan and Edna contributed greatly to both Chapter 113 and Oshkosh. Pictures exist from the late 60's and early 70's of Dan wearing a Snoopy costume that Edna made to promote EAA.



Old Chapter 113
patch and button.



Evolution of the logo in patch
form.





February 2022



Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 
6 	7	8	9	10 EAA 113 Board Meeting 7:30 pm	11	12
13	14 <i>Happy Valentine's Day</i>  	15	16	17 EAA 113 General Gathering 7:00 pm at U of M Engineering Lab in Ann Arbor	18	19
20	21	22	23	24  EAA 113 IMC Club Gathering 7:30 pm	25	26
27	28 					



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!

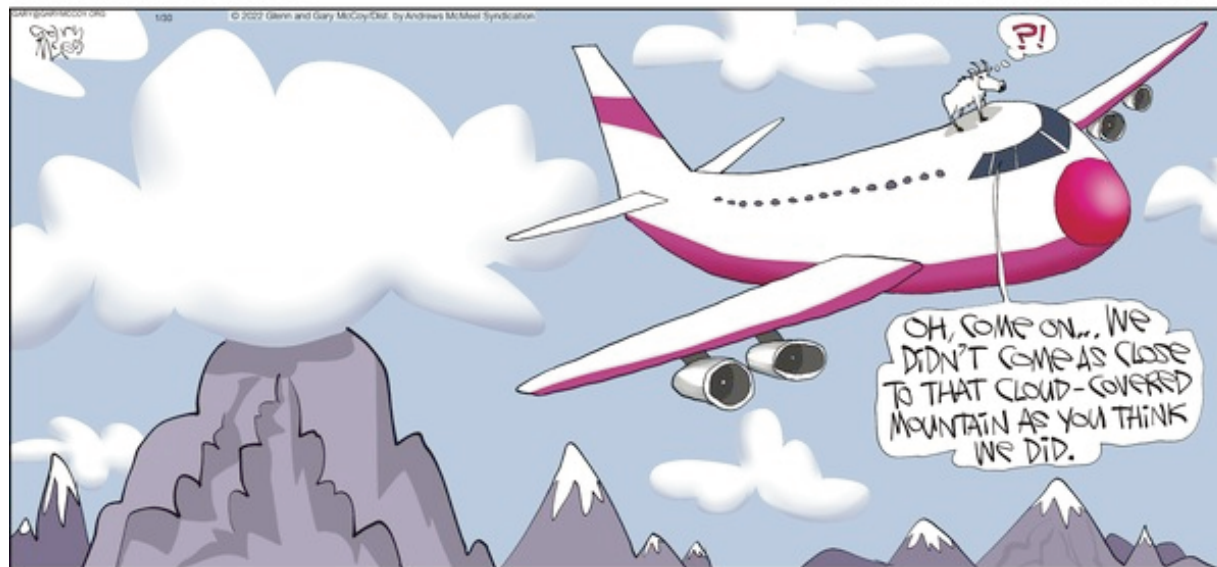
Do you have some tools sitting around that you no longer use? Are you looking to declutter your shop? EAA Chapter 113 can help. The Zimmerman Workshop is open for business but is still in need of a few select tools. The following tools are needed to complete the shop: Chop Saw, shrinker / stretcher, roller, air reels, dust pans, brooms, bench brushes, trash cans, tin snips, air drills, rivet guns, and shop vacs. (See page 9 in this newsletter.)

If you have any of these items that you would like to donate or know someone who does, please contact John Maxfield at vicepresident@eaa113.org 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.

THE FLYING McCOYS

BY GARY & GLENN McCOY



Next Chapter Gathering:

February 17, 2022

7:00 PM at the
U of M North Campus
M-Flyers Lab

