

# EAGLE'S PROPWASH

JUNE 2021 ISSUE



Our Web Site:

[www.eaa113.org](http://www.eaa113.org)  
[group.eaa113.org](http://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**



One of many spectacular RC planes at the Midwest RC Fly-in, May 15, 2021 at Mettetal Airport.

## Member Services

### Class I Board of Directors:

**President:** Dave Steiner (734) 645-1150 [president@eaa113.org](mailto:president@eaa113.org)  
**Vice President:** Jack McClellan (734) 748-4378 [vicepresident@eaa113.org](mailto:vicepresident@eaa113.org)  
**Secretary:** Molly Pyles (512) 694-8439 [secretary@eaa113.org](mailto:secretary@eaa113.org)  
**Treasurer:** Dave Buck (734) 223-2675 [treasurer@eaa113.org](mailto:treasurer@eaa113.org)

### Class II Board Members:

Al Bosonetto (734) 261-5518  
Jim Brown (313) 570-6374  
Dan Jones (248) 820-7901  
John Maxfield (248) 890-6767  
Doug Sytsma (734) 674-3345  
**Library:** Barb Cook (734) 277-3469 [library@eaa113.org](mailto:library@eaa113.org)  
**Newsletter:** Elizabeth Hebron (734) 776-9294 [newsletter@eaa113.org](mailto:newsletter@eaa113.org)

### Class III Board Member:

Joe Kirik (248) 872-3220

### **Membership Committee:**

Al Bosonetto, Dave Buck, John Maxfield

**Dues:** Dave Buck (734) 223-2675

### **Technical Counselors:**

Randy Hebron (734) 326-7659  
Dan Jones (248) 820-7901  
Dan Valle (313) 539-9818

### **Flight Advisors:**

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

### **Scholarships:**

Elizabeth Hebron (734) 776-9294  
Debbie Redding (734) 397-3452  
John Maxfield (248) 890-6767

### **Young Eagles:**

Debbie Redding (734) 397-3452 [events@eaa113.org](mailto:events@eaa113.org)

Dave James (734) 721-4213

**Flying Start:** Dan Jones (248) 820-7901 [flyingstart@eaa113.org](mailto:flyingstart@eaa113.org)

**Homebuilders:** Mike Scovel (313) 608-7202 [builders@eaa113.org](mailto:builders@eaa113.org)

**IMC/VMC:** Herb Schulke (734) 233-7864 [imcvmc@eaa113.org](mailto:imcvmc@eaa113.org)

### **Web/Tech Support:**

Stefan Rairigh (734) 383-4346 [webmaster@eaa113.org](mailto:webmaster@eaa113.org)  
[support@eaa113.org](mailto:support@eaa113.org)

### **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*

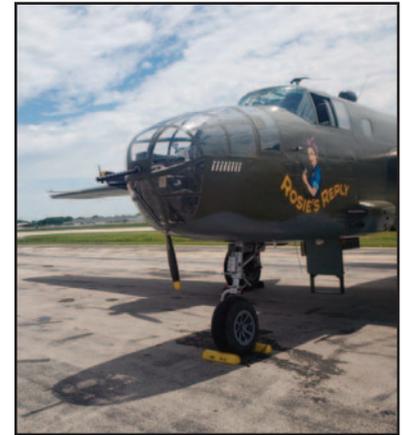
Dave "Drano" Steiner (734) 645-1150  
president@eaa113.org  
May 2021



What's loud, even a bit *mean* sounding, fast, shakes like crazy, and uses a lot of 100 LL to get you from YIP to TOL in about 15 minutes? This month's photo tells the tale. I was fortunate enough to be crew on the Yankee Air Museum's B-25 Mitchell the weekend of May 22-23. It was a quick trip to Eugene F. Kranz Toledo Express airport. We were invited to be part of a Toledo Public Schools aviation program weekend. Kids can get their A & P for free! The AC is newly repainted, courtesy of Kalitta Air, in its authentic WW2 squadron's combat livery, except for the **Rosie's Reply** nose art, a tribute to Rosie the Riveter. There was no record of any nose art on the AC, but what could be more appropriate than to honor the Rosies who built it? This AC actually saw combat in the Mediterranean Theater of Operations (MTO). Built in Kansas City, it will fly there this summer for a ceremony commemorating the women who helped assemble this and many other aircraft and weapons of war on the home front. There will be some original Rosies there, and possibly one or more of them may have bucked rivets on this very airframe when it was made in 1944.

This month we'll finally be able show off our new Don Zimmerman Aviation Workshop at the membership gathering on June 17<sup>th</sup>. The plan is for the meeting to be in the main hangar with the door open, but we'll get you updates about that. Kelly Burris will be our speaker. She has a hangar at ARB, and is both a former engineer at Boeing and an intellectual property rights attorney. I'll let her tell you about what she flies.

EAA 113 awarded three Don Zimmerman Scholarships, worth \$3,000 each, to deserving young people. You'll get to meet at least two of them at the June membership gathering. We have also submitted a Ray Scholarship applicant to EAA National. If accepted, we'll be instrumental in mentoring and seeing to it that this young person gets their ticket within a year. Challenging and fun stuff. EAA 113 members are ready for BOTH!



**Program Speakers for Member Gatherings** - VP Jack McClellan has some great speakers/programs lined up for the next few months, so don't miss the third Thursday membership gatherings. But he's always looking for more so contact him at [vicepresident@eaa113.org](mailto:vicepresident@eaa113.org) if you have a potential speaker.

**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](mailto:newsletter@eaa113.org). Please do share your aviation escapades. No need to be a pilot.

### **EAA 113 & COVID**

The Chapter will continue to follow all State of Michigan and local health guidelines with regard to protecting people from the spread of the COVID virus. We urge all to follow precautions and get vaccinated for your own and other people's safety. We are all in this together. Please be safe. Get your vaccination as soon as you are able.

# HINTS & KINKS

By Pete Waters

Tools and tools and tools, metric. SAE and others. It seems that working as a one person in several work areas, the wrench you need it in one of the other areas, and often several of the same size are together too! They must have some magical attraction, or what? So I designed a cart with areas for the different sockets and wrenches, etc., to make it easier to select the weapon needed. I now have metric sockets in colors, and left the SAE as plain. Huh...

Now it is a nuisance to have wrenches with similar shapes, and my favorite types with a ratchet end, and identical in types.

Years ago, I took my very small Allen Keys, in my model field box, and tagged the metric ones with silicon tubing, as in the photo. Great, but the ratchet wrenches were impossible to just pick up one and know its type. I tried the usual electricians tape, and that worked until the oily hands gradually unravelled it. While driving to the usual medical appointment, my brain clicked, so I stopped at Harbor Freight while Rita was in nearby Jo-Anns Fabrics, and procured a box of Nitrile "O:" rings. These I have slipped over each metric wrench, and Bingo.. no more Welsh swear words.

In addition, because the ratchet ends are not marked, I used my Dremel, and cut a very small line on the face at the end, so that it would show which side is facing me to tighten the nut.



# Current EAA 113 News Updates

Finally...the Covid clouds are lifting and blue skies are appearing ahead. EAA 113 is beginning to make plans for upcoming adventures! We must still operate under the guidelines set forth by state and national agencies but are planning our course to safely follow their directions. These rules are fluid and outlook is for further clearing soon. Until then, we will operate as permitted.

## Current regulations as they apply to EAA 113:

The EAA 113 Aviation Center can now be opened at 50% capacity. Masks are required for all individuals NOT fully vaccinated. This mandate applies to all rooms in the facility, including the hangar even with the door open. Unvaccinated people should continue to social distance, as well. Food and beverages need to be served by individuals wearing masks and gloves regardless of vaccination status. At this time, we will forgo any potluck meals to ensure food preparation guidelines are maintained.

## First Stop on the EAA 113 Return to Normal Journey:

**“Hot Diggity Dog, we can meet again!”** For our first adventure together after many months, we will have a simple picnic prior to the June General Meeting on **Thursday, June 17th at 6:30 p.m.** The



Chapter will serve grilled hot dogs, a picnic salad and chips. If you would prefer, you may bring your own personal picnic food. Please do NOT bring food to share with others for this event. Let's not forget the best part . . . we will also celebrate our 60th Anniversary by serving cake! Tables will be spaced out in the Hangar, or you may bring your own lawn chairs. Don't forget to wear your name badge . . . it has been awhile since we've been together! In addition to our guest speaker, Kelly Burris, the three Aviation Scholarship winners are expected to attend the evening. Join us in celebrating our scholars, our 60th anniversary, a ceremonial ribbon cutting of the Zimmerman Workshop and just being able to finally get together again!



## Future Stops on our Journey Forward:

Other exciting stops on our return flight to normalcy are being planned for this Fall. We are continuing to monitor the ever changing guidelines under which we need to operate and will set dates once they can be confirmed. Look for our 60th Anniversary Awards Banquet, a couple Young Eagle events, a Youth Workshop and perhaps even a Fly-In yet this year .... And more! We have lost time to make up for! It is time to get EAA 113 back to the social aviation place to be!

# EAA 113 Scholarship Program Announcement

EAA 113 has had the honor of providing almost 70 young people with scholarships totaling over \$65,000 to date to assist them in pursuing their dreams in various areas of aviation. This has been possible by serving countless pancake breakfasts, through generous donations from many members and guests, and the endowment left to our Chapter by former member, Don Zimmerman.

This year, the Scholarship Committee and Board of Directors have selected three worthy candidates to receive \$3,000 Aviation scholarships. We will acknowledge and introduce each scholar at our next EAA General Meeting on June 17, 2021. Please join us in welcoming these new members to our Aviation family and to offer your support in their journey ahead.



**Kayleigh Barricklow** will be graduating this month from Pioneer High School in Ann Arbor where her area of concentration has been on physics, mathematics and engineering design and development. She served as the captain of the Women's Varsity Ice Hockey Team and member of the Women's Golf Team.

Kayleigh volunteers at community recreation and YMCA Summer Camps as coach for youth field hockey and preschool science classes. In addition, she volunteers at a temporary family shelter and assists with Sunday School classes in her church.

With Kayleigh's academic interests and leadership skills, she plans to attend Michigan State University in the Fall and major in Aerospace Engineering. She plans to join the ROTC program, with the long-term goal of a career in the US Air Force. She wants to be a role model and mentor to young girls in STEM and in Aviation to show there is a place for them in these areas to succeed. Congratulations, Kayleigh . . . You will be a great role model!

From Kayleigh Barricklow:

*"Thank you so much once again for this scholarship, I am very honored.*

*I will be able to attend the June 17th meeting, along with my mom and dad. Greatly looking forward to it! See you then, Kayleigh!"*



**Zachary Squires** is currently attending Lansing Community College where he is studying Aviation Technology. Previously, he received his Associate of Arts degree from Eastern Gateway Community College in Steubenville, OH.

Zachary has been interested with fixing things and how things work since he was a child. While visiting a museum when he was young, he saw a 727 and insisted on knowing what all the wiring and buttons were for and how the engines worked. Now, that he is an adult, his interests are pretty much the same: take things apart, fix them and put them back together! After completing his A&P licenses, he would like to go to Southern Illinois University to specialize in avionics.

Zachary's hobbies include more working with his hands—pottery and working on his 1968 Mustang. He volunteers at his church and the local recycling center and walks dogs at a pet shelter. He has a love for learning new things and his goal is to become an airline mechanic. Good Luck, Zachary . . . . Hurry, the industry needs more A&P's out there!

From Zachary Squires:

*"I'm excited and honored to be receiving the EAA113 Scholarship Award! These funds will go a long way in helping me complete my education. I have requested June 17th off from work to attend the meeting and celebrate the 60th anniversary. I will be sending a more formal thank you letter. But for now please share with everyone my appreciation. Sincerely, Zachary"*



**Andrew Bugajski** is a recent graduate of Skyline High School in Ann Arbor. He works at Ann Arbor Airport as a Line Crew Member. He enjoys the opportunities to learn from the flight instructors, pilots and mechanics. The aviation community continues to excite and motivate him to pursue a career in aviation. He has been admitted to The Ohio State University to study flight science where he hopes to achieve his goal of becoming an international commercial pilot.

Andrew is near completing his Private Pilot License. He holds on to his excitement of his first solo flight and the confidence during his first cross country...and the fears of his first night cross country! He understands that with hard work and determination, he can make these dreams come true.

Andrew had his Young Eagle flight from EAA 113 and has been a frequent attendee at our Chapter meetings. He desires to pass along his passion for aviation to younger generations, as many pilots have done for him. Good Luck Andrew . . . We know you will make us proud!

From Andrew Bugajski:

*"I've always felt fortunate to get involved with EAA Chapter 113. It has welcomed my enthusiasm and encouraged my development as a pilot. I truly want to thank everyone at the chapter, especially Mr. Bosonetto who encouraged me to get involved with the EAA. Andrew"*

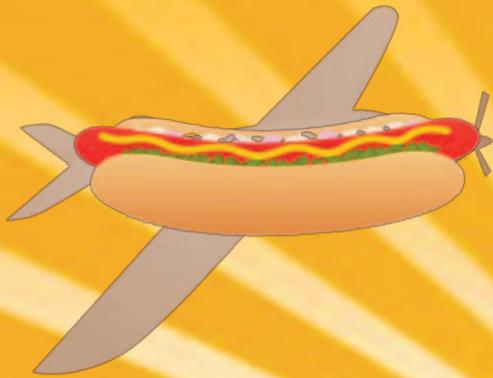
*Congratulations to Kayleigh, Zachary and Andrew!!  
We wish you much success on your aviation journey!*

*Reach for the Stars!*



# HOT DIGGITY DOG!

**We can meet again!**



**Join us Thursday, June 17th, 2021 at 6:30 p.m.  
for a Hot Dog Picnic prior to the General Meeting.**

EAA 113 will serve hot dogs, a picnic salad and chips. You may choose to bring your own alternate picnic, however, due to current food handling protocol still in place, we are not asking for dishes to share.

**Let's not forget . . . There will be a celebration 60th Anniversary cake, too!**

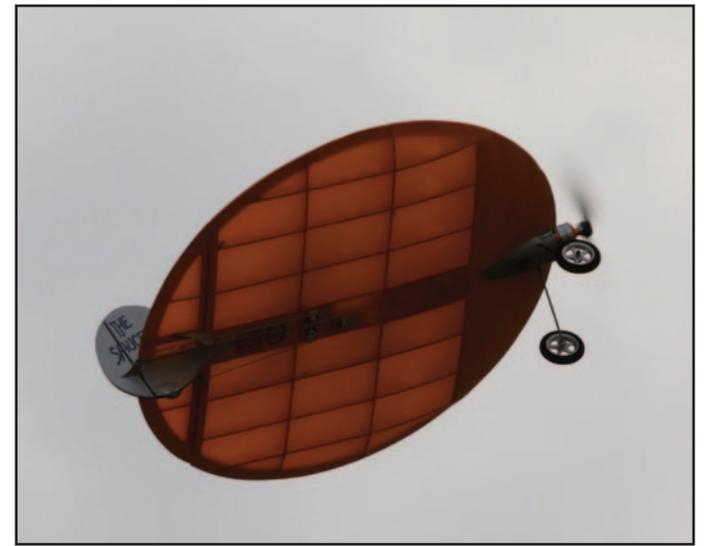
*Don't forget your name tags . . . It's been awhile!!*



# MIDWEST RC FLY-IN - MAY 15, 2021

A Photo Essay by Shunsuke Shibata





Chapter 113 member Bill Brown.  
Photo Courtesy of Randy Hebron

## EAA Chapter 113 Tool Crib



Did you know EAA Chapter 113 has a tool crib? As part of EAA's mission to grow participation in aviation, Chapter 113 has a tool crib to help our members build and maintain their aircraft project. It is common as an aircraft builder, to need a tool for a specific operation that is simply too expensive to justify purchasing for a few uses. A great example of this is the Nicopress tool needed for swaging control cables. This tool makes the job infinitely easier and provides a much higher quality than other options. And yet, Nicopress tools typically cost around \$300 and are only needed a couple of times on an aircraft. This is where an EAA Chapter can provide help by having a shared tool program.

The philosophy behind our list of tools is to have the correct tools that produce a quality outcome that are only needed occasionally during an aircraft build or for occasional maintenance. These tools are typically more expensive than the typical builder / owner would spend to own the tool outright but can be bought using the Chapter's tool fund. We also strive to have tools that the average member can safely operate without specialized training or require expensive consumables as part of its operation.

Chapter 113 has had both large and small specialized tools in the workshop, available to the membership, for years. With the new Zimmerman Workshop's expanded space, we are looking to expand the list of tools available, as well as, more physical space around each tool to make it safer and easier to use.

A list of Chapter 113's tools is available on the inside of the door of the labeled "Chapter 113 Tool Cabinet" in the workshop. Simply sign the tool out on the sign out sheet, also on the inside of the Tool Cabinet door, and sign it back in when you return it.

As we migrate the Chapter tools and equipment into the new Zimmerman Workshop in the coming weeks, the tools you need may be in a different location. But rest assured, they will be there and available for you, along with some new items to help make your project successful. And as always, if you have an appropriate tool to donate or a suggested tool, we'd love to hear from you.

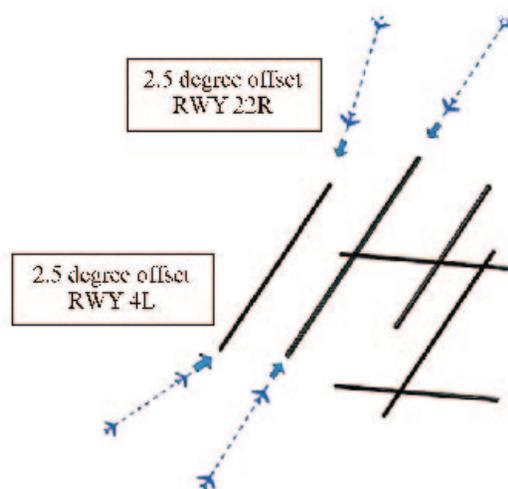
Tool Committee: Doug Sytsma, Jim Brown, Don Moore and John Maxfield



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

## DTW ILS/RNAV Y 22R/4L

Usage allows simultaneous IFR operations  
to 22R/22L or 4L/4R



Submitted by Joe Kirik

- This approach is **OFFSET** from the runway by 2.5 degrees to the west. Pilots unfamiliar with an offset approach will see a different view of the runway environment than they are accustomed to. When weather is forecast to deteriorate below published minimums, the ILS or RNAV Z will be utilized.

- PRM will be required when simultaneous instrument approaches are used on RWY's

22R/22L or 4L/4R. Users unable to accept a PRM approach may be required to hold until a gap can be created for a standard (non-PRM) approach.

-During meteorological conditions requiring ILS critical area protection, RWY 22R arrivals may experience a longer taxi than normal to cross RWY 22L.

# Fly-In Breakfast "or Drive"



Juice • Coffee  
Eggs • Pancakes • Sausage

Adults \$7  
Children <11 \$4

Ray Community  
Airport (57D)

Sunday  
June 27  
7:30 - 11:30 a.m.



Also on  
Display!



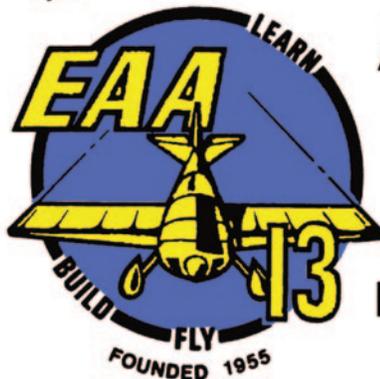
Ford Model A  
Rides



The "Radio Control Club  
of Detroit" (RCCD) will be  
onsite with displays and  
demonstrations!



Sponsored By:



A Variety of  
Aircraft

Food & Fellowship

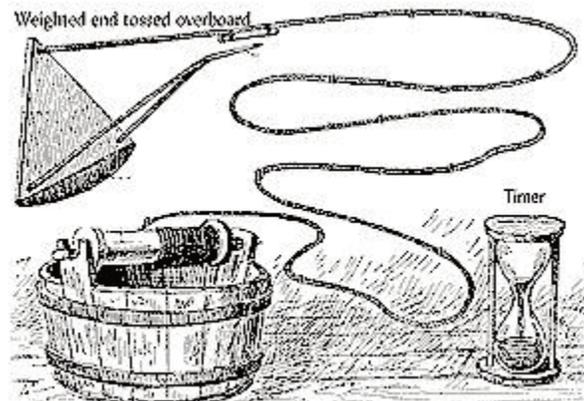


# WORD OF THE MONTH – KNOT

By Ian Brown (EAA Bits and Pieces Newsletter)

**May 2021** – Whether you fly using an airspeed measured in knots, miles per hour, or kilometers per hour, you're probably aware of the conversions. 1 kt = 1.15 mph = 1.85 kph.

Up to the 16th century, sailors used an actual log which was tied to a piece of rope and thrown overboard to measure speed. The length of rope that ran out in half a minute (timed using a sandglass) was measured and the speed through the water was estimated, based on a certain length of rope corresponding to a certain speed through the water. It was a bit like watching a leaf float by and measuring how long it took to go a certain distance. In these early days, figuring out speed over the water was essential to knowing where you were. This method was known as "heaving the log."



A refinement of this came along in the 16th century that attempted to standardize the "log." It was a piece of wood of a fixed size, held at a certain orientation under the water, with knots tied into the rope at fixed distances so that the number of knots paid out in half a minute could be recorded. This was known as the Chip Log method.

Remember that the definition of a nautical mile is based on the Earth's circumference at the equator being divided into 360 degrees. Each degree is divided further into 60 minutes, which is used to define a nautical mile. One knot of speed is one nautical mile per hour.



# June 2021



Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3 <b>EAA 113 Homebuilder's Gathering 7:30 pm</b>	4	5
6	7	8 47 days until <b>EAA AIRVENTURE OSHKOSH 2021</b>	9	10 <b>EAA 113 Board Meeting 7:30 pm</b>	11	12 
13 <b>Pancake Breakfast at: ~Flushing (3DA)</b> 	14	15	16 	17  <b>EAA 113 General Gathering Hot Dog Picnic 6:30 pm</b>	18	19
20 <b>HAPPY FATHERS DAY!</b> 	21  <i>First Day of Summer</i>	22	23	24 <b>EAA 113 IMC Gathering 7:30 pm</b> 	25	26 <b>National Aerobatics Day</b> ~Romeo Airport (D98) 
27 <b>Pancake Breakfast at: ~Ray Community (57D)</b> 	28	29	30			



### **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 Other Coast** by Adrian Raeside



# Next Chapter Gathering:

**June 17, 2021**

**6:30 PM** at the

**EAA Chapter 113 Aviation Education Center**

8512 N. Lilley Road

Canton, MI 48187

(734) 392-8113

Pete Waters - how I spent my winter vacation....

