



October 2021



CHAPTER OFFICERS

**President,
Newsletter Editor &
Young Eagles Coordinator**

Mike Baer
mikebaer150@gmail.com

**Vice President,
Scholarship Chair,
VMC Club Coordinator &
Web Editor**

Chuck Newell
cmnewell@sbcglobal.net

Secretary

Pam Toleikis
pamtoleikis@hotmail

Treasurer

Dave Montgomery
dav.montgomery@gmail.com

Baer → Mail



This month's cover photo was taken a couple of weeks ago during our last Young Eagles Rally of the year, and captures the joy we all felt bringing Young Eagle flights back to Aurora. 2020 was a challenging year for everyone. Due to the global pandemic in the interest of safety we decided to cancel all of our Young Eagles rallies last year.

This year we determined that if we implemented significant health and safety precautions (temperature checks, masks, hand sanitizer, etc.), we could safely restart our Young Eagles program. It quickly became clear that there were a lot of kids that were as excited to get back in the air as we were.

We restarted our Young Eagles program in June and held 5 rallies this year. With the hard work and dedication of our volunteers and the fantastic help we always receive from Aurora ATC as well as the patience and support we get from the Aurora Airport and their FBOs and tenants we were able to share the magic of flight with over 470 kids providing not only memories that will last a lifetime but hopefully the spark that may ignite into a number of future aviators.

With the winter month's quickly approaching, sadly our next rally is not until May 2022. However, the Chapter will still be busy between now and then. If you are already a member, I look forward to seeing you at our next Chapter Gathering, VMC Club Meeting or other special events. If you are interested in aviation but are not a member, you should be... if you would like to join or just learn more about us, send me a note. I am happy to answer any questions you may have - after all, I am always in Airplane Mode.

Stay safe and I hope to see you soon.

Mike



CHAPTER DIRECTORS

Bill Cameron

Tim Green

Ed Ramos

Kathy Spano

Phil Toleikis

CHAPTER 579 2021 MONTHLY CHAPTER GATHERING SCHEDULE

January 28
February 25
March 25
April 22
May 27
June 24



Gone to Oshkosh
August 26
September 23
October 28
November 18
December 16*
(* Tentative)



Federal Aviation Administration

FAA Launches Nationwide Solicitation to Design Air Traffic Control Towers of the Future



The FAA is launching a nationwide solicitation to find a new design for control towers that can be built and operated sustainably at regional and municipal airports.

The FAA has more than 100 aging control towers at regional and municipal airports across the United States that will eventually need to be replaced. The goal of the nationwide solicitation is to develop a standardized design for towers that will:

- Meet operational and cost requirements
- Maximize energy efficiency
- Be easy to modify according to height needs
- Be rapidly constructed

On Nov. 9, the FAA will host a webinar to answer questions from interested businesses before the official solicitation starts. The registration opening for U.S.-based architectural and engineering design firms is scheduled for Nov. 16.

Details about the webinar and other aspects of [the solicitation](https://www.faa.gov/go/towerdesign) are available at <https://www.faa.gov/go/towerdesign>.



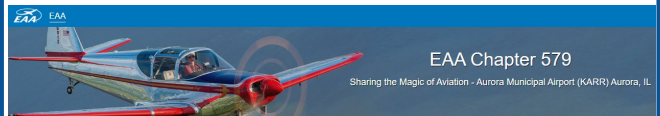
Be sure to follow [EAA Chapter 579](#) on Facebook to get the latest updates on all of our activities.



Chapter 579

Sharing the Magic of Aviation
Aurora, IL - Home Airport: Aurora Municipal (KARR)

Check out our chapter website at EAA579.org
for detailed information about our Chapter



EAA Chapter 579 Home	Welcome to our chapter
About Us	Our Mission A community created to Share the Magic of Aviation through educational and social opportunities! We are Flyers, Builders, Teachers, and Nuts about Aviation!
Event Calendar	Our Vision EAA Chapter 579 encompasses all by providing many outlets in aviation at our local airport. We believe in sharing our passion for the air to all no matter where one is in their aviation journey. We focus on promoting aviation education by having subject dedicated speakers at our monthly meetings. Young Eagle Flights to share flight with local youth, and offer many other educational resources provided through the EAA network. EAA 579 believes in sharing flight through social fly-outs and many other social aviation related activities. As a chapter, EAA 579 strives to be a local home to aviation for all to enjoy the air.
Propose Newsletters	Advanced Air Academy Each year EAA Chapter 579 sponsors a girl or boy to spend a week attending EAA's Air Academy in Colton, WI in the summer where they interact with others.
Member Aircraft	
Young Eagles	
Eagle Flights	
Ray Aviation Scholarship	
Technical Counselors	



CHAPTER 579 YOUNG EAGLE RALLY UPDATE

[2022 Rally Schedule](#)

TBD... Stay Tuned 😊

**2021 Young Eagle Flights
The Year In Review**

Jun	68
Jul	100
Aug	95
Sep	95
Oct	<u>114</u>
	472

**Chapter 579
Total Young Eagle Flights:
19,129**



***EAA Chapter 579's
18,000th Young Eagle***

Launched in 1992, the Young Eagles program has dedicated almost 30 years to giving youth ages 8–17 their first free flight in an airplane. It's the only program of its kind, with the sole mission to introduce and inspire kids in the world of aviation. Today, more than 2.2 million young people have enjoyed a free introductory flight through the Young Eagles program. Join us in offering each child, tween and teen the opportunity to experience the Spirit of Aviation by becoming a Young Eagles volunteer today!

1 2 3 4 5

Young Eagles Flight EAA Student Membership Sporty's Learn to Fly Course First Flight Lesson Scholarships

The EAA Flight Plan
Your route from Young Eagle to licensed pilot.

Send your Young Eagle Questions to
EAAChapter579@gmail.com

Ken's Aviation Museum of the Month

By: Ken Kwiatkowski



Yankee Air Museum Willow Run Airport, Belleville MI

Located at historic Willow Run Airport, home of the Ford B-24 Liberator plant. The Yankee Air Museum has a storied past and exciting future. Established in 1981, and housed in a World War 2 hangar, the museum had a comprehensive collection of aircraft both static and flying along with an amazing display of artifacts and memorabilia on the second floor.



In October 2004, the hangar caught fire. The 3 flying aircraft (B-17, B-25, C-47) were saved by volunteers who smelled smoke when they were closing the hangar. With the exception of these 3 planes everything in the hangar was reduced to ash in a matter of an hour or two as the hangar was constructed from wood. Sadly lost was a newly restored, one of a kind OV-10 Bronco Prototype.



The museum chose to rebuild and rented out several buildings on the airport property to start a new collection and house other aircraft they had in their collection that were not affected by the fire.

In 2016, the museum purchased a portion off the old Ford B-24 plant and is currently renovating it to be the new permanent museum. In 2011 the museum became a Smithsonian affiliate.

Flying aircraft owned by the museum include a B-17, B-25, C-47, Waco -YMF, UH-1 Huey and Ford Tri Motor.

Static aircraft include a B-52 Stratofortress, BP4Y- Privateer, Cessna O2 Skymaster, F101- Voodoo, F86 Sabre, F-4 Phantom, EC-14 Warning Star among a number of others.

The museum building has displays and special exhibits along with lectures and special presentations, including open cockpit days. Yankee Air Museum also hosts one of the best airshows in the country "Thunder Over Michigan" at Willow Run each summer.

Hours are Tue-Sat 10-4. Sun 11-4

Kenosha Brat And Beer Run

Written By: John Robbins
Photos By: John Robbins and Ed Ramos

After last month's flight that failed to locate dinner, Peter Taylor, Ed Ramos and John Robbins attempted another dinner flight on the fine evening of September 28th to Kenosha (ENW). With their new appreciation that many restaurants are closed on Mondays, the three opted for a Tuesday night journey across our northern state line in search of local culinary delights, this time for good-old Wisconsin bratwurst.

After a three-person pre-flight check, where Peter was seen barking orders, we rolled out a Piper Warrior that Peter's flight club owns. We departed DuPage (DPA) on runway 10 and made the left turn to head north, staying



Peter barking orders from the wing (actually he was testing the fuel, just looks like he's barking)



Happy pilot and co-pilot, Peter Taylor and Ed Ramos

which John drove a mile and a half to a well-known I-94 & WI-50 traveler's stop called The Brat Stop. We were seated in a section of the establishment not too far from a stage, where a small jazz band was setting up for some evening music. We ordered brats and soft drinks and iced tea (back-seat rider, John had a Spotted Cow) and enjoyed chatting about the fine flight north we had just made. Halfway through dinner the band started to play, adding to the atmosphere (but an oompah band might've been more in line with our tastes).

low enough to duck under O'Hare's Bravo airspace. We enjoyed some very nice and smooth air, often found in the early autumn dusk. Our route was fairly direct, contacting Kenosha Tower after getting their local ATIS information. Kenosha directed us to land on 7R, which is the shortest and skinniest runway, but Peter settled us down with a graceful center-line landing.

Twilight was just underway at Kenosha when we disembarked from the Warrior at AVP Kenosha Aviation, one of the FBOs on field. AVP offers arrivals the use of a nice VW SUV courtesy car,



Landing at Kenosha, on 7R

Kenosha Brat And Beer Run (cont.)

We finished our dinner with enough spare time to grab two cases of Spotted Cow that Peter and Ed wanted to bring home. We left the restaurant, hopped back into the car and arrived back at AVP just before their 9:00pm closing time, hauled our Cow cases across the apron and started the airplane just after the tower had closed for the evening. Since the tower was closed, we announced that we would depart on 7L. From there it was a nice smooth nighttime flight, pretty much direct, back to DPA, where ATC directed us to land on runway 2L.



A round of brats for everyone. John, Peter, and Ed.

Peter told the tower that we were going to land long, so that we could minimize our return taxi back to the hangar.

It was a great night, which was a success on two fronts: a very enjoyable meal among good friends; and some cases of local brew for Peter and Ed to enjoy on subsequent nights, perhaps flowing with memories of a very fine flight night.

Looking forward to the next journey!



Night approach to DuPage, landing on 2L

Memories From Our October Young Eagles Rallies



To see all of the photos from our October Rally please go to the Photos tab on **EAA Chapter 579's** Facebook Page.

Ask Professor Green

By: Tim Green



Question:

What is a VFR?

Answer:

VOR or VHF Omnidirectional Range is a short-range radio navigation system enabling aircraft with a receiving unit to determine its position and stay on course by receiving signals transmitted by a network of fixed ground radio beacons.



Developed in the US in 1937 and deployed by 1946, VOR was the standard air navigational system in the world, however due to GPS, VOR stations are being gradually decommissioned from a total of 3,000 worldwide.

The US system had a total of 1,033. The FAA is in progress to shut down many unnecessary VOR's ending up with a Minimum Operational Network (MON). Eighty-two are already gone with 225 more that have been identified, for a total of 307 that will be decommissioned by 2030.

Here are the MON high points:

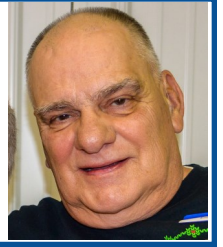
- Retain for coverage at 5,000' AGL and above across the entire CONUS
- Retain VORs to perform ILS, Localizer or VOR approaches within 100 NM of any location in the CONUS
- Retain most VORs in the Western US Mountainous Area for Victor airways in high elevation terrain
- Retain VORs required for military use
- Retain VORs to support international oceanic arrival routes

Where can you learn more?

<https://www.youtube.com/watch?v=wuLTppemEgA>

Beat Billy

By: Bill Cameron



Here is your October challenge, it's a twofer. Name the plane and name the man.



Send your best guesses to mikebaer150@gmail.com for your opportunity to be added to our list of trivia experts who have Beat Billy.

We will reveal the correct answers in next month's Propwash.





planeperfect.us

At Plane Perfect we have a passion for airplanes and couldn't find products to suit our detailing needs. Everything on the market either didn't work very well or was decades old formulas that could be improved for higher polish and more durability. We created a catalog of modern, safe products that work on metal, fiberglass or fabric and provide a level of quality just not achievable with older formulas. They are superior on cars, boats and RV's too!



**Use offer code EAA579 at checkout
and get 10% off your entire order!**

For Sale by Members

Anyone in the market for a Hangar?

There is a small T-Hangar coming up for sale at SkyHaven. If you are interested, please let me know and I will put you in touch with the owner.



Tools for Sale

RV builder has a number of tools used once to build his aircraft. The aircraft was recently sold and the very lightly used tools are for sale. If you are interested please let me know

Anyone in need of an engine lift?

Chapter 579 owns an engine lift that is available to anyone who is building an aircraft. If you have the need for a lift, even if it may not be needed for a while, we are looking for a foster home to house the lift. It is currently located at SkyHaven but must find a new home. If you would like to use it or if you are willing to house it, please let me know. (mikebaer150@gmail.com) Thanks.



If you are interested in any of the items above or If you are a Chapter Member with aviation related items for sale, please let me know at mikebaer150@gmail.com

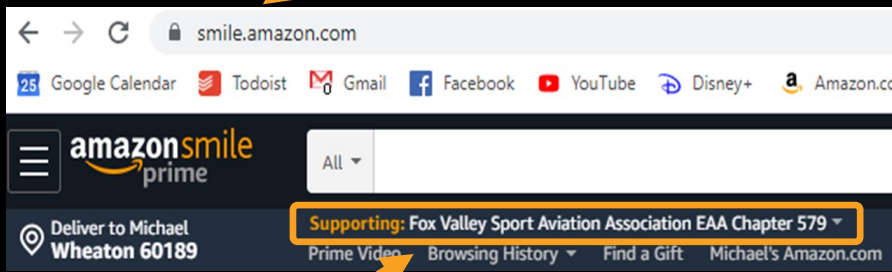


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There is no mark-up on any item you purchase, and the Chapter will earn .5% on all of your purchases.

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Thank You for your Support !!



CHAPTER INFORMATION

EAA Chapter 579 is a 501(c)(3) non-profit organization formed for educational purposes and is incorporated in accordance with the State of Illinois Not For Profit Corporation Act.

MONTHLY MEETINGS

The Chapter meets on the fourth Thursday of the month, January through October and the third Thursday in November and December at the Chapter's headquarters at SimplyFly at the Aurora Municipal Airport, starting at 7:30 pm. Please check our Facebook page for schedule updates. Family members and guests are always welcome.

MEMBERSHIP INFORMATION

Membership dues for EAA Chapter 579 are only \$20 per year and are due on the first of January for the upcoming year.

579 Chapter members are to be current members of the EAA, Oshkosh, WI.

Individual membership to the EAA is \$40 per year. Family memberships are available for an additional \$10 per year. Both include a twelve month subscription to *Sport Aviation* magazine.

A 579 Chapter Membership Form is included as the last page of this newsletter.

ADVERTISING IN PROPWASH

If you would like to support Chapter 579's educational mission by advertising in Propwash, please contact:

mikebaer150@gmail.com

<u>Size (Page %)</u>	<u>Monthly</u>	<u>Annually</u>
10% (business card)		\$50
25%	\$10	\$110
50%	\$20	\$200
100%	\$30	\$275
Classified Ads	Free for members	



EAA Chapter 579

Membership Application

Today's Date: ___/___/___ EAA Member #: _____ New Applicant:___ Renewal:___

Last Name: _____ First Name: _____ Spouse: _____

Address: _____ City: _____ State: _____ Zip: _____

Home Phone: (____) _____ Cell Phone: (____) _____

Email Address: _____ Birthday (MM/DD): ___/___

Emergency Contact Name: _____ Phone: (____) _____

I would be able to help in the following area(s):

Advertising ___ Chapter Meeting Presentation ___ Finance ___ Fund Raising ___

Hospitality ___ Membership ___ Newsletter ___ Photography ___ Scholarships ___

Social Media ___ Speakers ___ Videography ___ Web Site ___ Young Eagle Rallies ___

Other _____

<u>Membership Category</u>	<u>Annual Dues *</u>	Please complete this form, attach check payable to EAA Chapter 579 and mail to: EAA Chapter 579 422 Clinton Ave. Oak Park, IL 60302
Regular (Individual)	\$20	
Regular (Family)	\$35	
Youth (Under 18)	\$12	
Life	\$400	
*Annual chapter dues are due on January 1st. New members joining after June 30th receive a 50% discount for first year dues		