




**April 2022**




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**Chapter 579**  
Sharing the Magic of Aviation  
Aurora, IL - Home Airport: Aurora Municipal (KARR)

Check out our chapter website at  
[EAA579.org](#)  
for Chapter information

**CHAPTER OFFICERS**

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Vice President, Scholarship Chair, VMC Club Coordinator & Web Editor:  
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Secretary:  
Pam Toleikis

Treasurer:  
Dave Montgomery

**CHAPTER DIRECTORS**

Bill Cameron

Tim Green

Ed Ramos

Kathy Spano

Phil Toleikis

**Baer → Mail**



Last Thursday we held our April Chapter Gathering. We were joined by our friends from the Aurora tower. In addition to providing a briefing on 2022 Young Eagles flight operations they answered a barrage of questions on the minds of our Chapter members.

Our 2022 Young Eagles season kicks off next month with our first rally scheduled for May 22nd. Last year we provided free flights and memories to last a lifetime to 473 kids. This year we expect to break 500! Since the Young Eagles program began 30 years ago, our chapter has shared the magic of flight with 19,196 kids. The success of our rallies have always depended upon the support of our dedicated volunteers, both in the air and on the ground. If you have volunteered in the past, you already know how fulfilling a Young Eagles event can be and I hope you will be there for all of our rallies this year. If you have not participated in the past or have not done so for a while, I encourage you to join us on May 22nd... we could sure use your help and I am sure that you will find it to be a very fun and memorable experience. If you have any questions about our rallies and the many roles we need to fill to make them a success, please do not hesitate to send me a note. I will be sending out a request in the coming week asking for your assistance, so please plan to join us on the 22nd.

Stay safe and enjoy this month's issue.

Mike



# CHAPTER 579

## 2022 YOUNG EAGLE RALLY SCHEDULE



Sunday - May 22  
 Saturday - Jun 11  
 Sunday - Aug 21  
 Sunday - Sep 18  
 Sunday - Oct 16



**ONLINE  
 REGISTRATION**

We will once again be using Online Registration for our Young Eagle Rallies. Registration will open up approximately two weeks before each rally. Be sure to follow our Facebook page for details!



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



Launched in 1992, the Young Eagles program has dedicated 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, almost 2.3 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!

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

Send your Young Eagles Questions to  
[mikebaer150@gmail.com](mailto:mikebaer150@gmail.com)



## CHAPTER 579 2022 MONTHLY CHAPTER GATHERING SCHEDULE

January 27

February 24

March 24

April 28

May 26

June 23



Gone to Oshkosh

August 25

September 22

October 27

November 17

December 15\*

(\* Tentative)



### Federal Aviation Administration

## Join the FAA for Drone Safety Day

The Federal Aviation Administration (FAA) is inviting the drone community to be part of its 2022 [Drone Safety Day](#) campaign on Saturday, June 18. This year's campaign will be a one-day national event, to encourage drone pilots and recreational flyers to "Fly RIGHT." This year's safety messages will focus on:

- [Register](#) your drone
- Interact with others
- Gain knowledge
- Have a safety plan
- [TRUST](#) and Train



Since 2019, the FAA has hosted the annual campaign dedicated to drone safety and best practices. Safety is a shared responsibility that requires the community and the FAA to work together.



For additional information and to find virtual and in-person events near you, visit [faa.gov](http://faa.gov).



# 579 Chapter Gathering

April 28, 2022



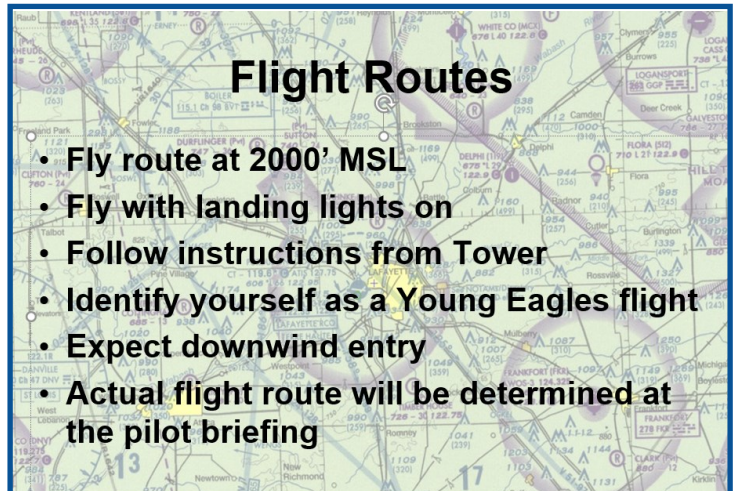
Ask a controller



Happy Birthday To You Bill!



Fly-In / Drive-In Chapter Gathering



Tower Briefing

- Flight Routes**
- Fly route at 2000' MSL
  - Fly with landing lights on
  - Follow instructions from Tower
  - Identify yourself as a Young Eagles flight
  - Expect downwind entry
  - Actual flight route will be determined at the pilot briefing

**EAA Young Eagles 30th Anniversary**  
**30 Flights for 30 Years**

- Volunteer Young Eagles pilots who fly 30 youths between August 1, 2022, and July 31, 2023, will be awarded a commemorative polo shirt.
- The Young Eagles program would not be possible without the amazing ground volunteers. Ground volunteers will be awarded commemorative pins if they assist at a 30<sup>th</sup> Anniversary year rally.

Young Eagles 30th Anniversary special recognition awards



4 Now it's a party! Thanks Bill!!!!



# Member Moments and Milestones



## Mark Hislop remembers his ancestor

I got a real and personal glimpse of what barnstorming was like in the late 1920's. I was doing ancestry research, and came across the obituary for my Grandmother's brother, Albert Macphetridge. I think my love of aviation, and perhaps some of my decision making "skills" can now be attributed to genetics! Below is the obituary, and following that is a brief article describing one of the flying circuses that he flew for.

### MacPhetridge Body Will Be Brought Here

The body of Albert MacPhetridge, 29 years old, former Joplin man and professional parachute jumper, who was killed Sunday in a 2,000-foot fall from an airplane, will arrive here tomorrow morning for funeral services and burial.

MacPhetridge, who was a son of George MacPhetridge, 1821 Indiana Avenue, was killed when he lost his balance and fell while climbing out on the wing of a plane in preparation for an exhibition parachute leap at Blair, Neb., where a flying circus was staging a demonstration. The parachute was attached to a strut on the wing of the plane, and MacPhetridge was creeping out to hook it to the harness around his body when the tragedy occurred.

**Three Years A Stunt Flier**—Taking up stunt flying about three years ago, MacPhetridge became connected with *Garver's Famous Flying Circus*, where he became an expert parachute jumper and stunt flier. He later traveled throughout the country with other flying circuses.

The leap which MacPhetridge was about to attempt when his death occurred would have been his 193<sup>rd</sup>. On numerous jumps he narrowly escaped death and had been in several airplane smashups, always coming out uninjured. On one occasion, the top of his "chute" was ripped out when he leaped from the plane, but he managed to hold the remaining material as a sail and landed safely.

Surviving, besides his father, are three brothers, George MacPhetridge Jr, Irving MacPhetridge, and Jack MacPhetridge, and a sister, Mrs. Ruth Merrick (my grandmother).

Here is some information on the Garver Flying Circus. Times were certainly different then. Pay special attention to the description of the founders at the end of the article.

### GARVER FLYING CIRCUS

This black and white photograph shows members of the Garver Flying Circus in La Cross, Kansas. Kneeling from left to right: J.O. Lewis, Geo. Ellers, Karl Garver, Ralph Anderson, J.M. Moellendick, Mr. and Mrs. Frank Martin (?), Bertha and Cyle Horchem. The Garver Flying Circus, established around 1920 or 1921, by Karl Garver from Attica, Kansas and Cyle Horchem and ex-army flyer from Ransom, Kansas, performed spectacular aerial stunts across the Kansas sky. The group of daredevils successfully entertained the crowds of spectators with death defying acts until tragedy struck in 1924. On March 2, Bertha Horchem fell to her death during a loop stunt in San Antonio, Texas. On October 12, Ruth Garver "Champion Lady Parachute Jumper", fell to her death from one thousand feet in the air with a tangled parachute. Later that same year on November 12, Cyle Horchem slipped and fell to his death as he attempted to climb onto a wing while in flight. Karl Garver continued to perform at air shows but eventually sold his airplanes and died of alcohol poisoning in 1926.



So next time you go online for weather, check online for NOTAMs, listen to ATIS, and follow your magenta line to your destination, think about what aviation was like about 100 years ago!

If you have any Aviation moments or milestones you wish to share with the Chapter, please send them to [mikebaer150@gmail.com](mailto:mikebaer150@gmail.com)



# News From HQ

## AirVenture Oshkosh 2022 to Celebrate Young Eagles 30th Anniversary

The EAA Young Eagles program, the largest youth aviation program ever created, will celebrate its 30th anniversary during EAA AirVenture Oshkosh 2022, the event where the program began in 1992. EAA AirVenture Oshkosh is July 25-31 at Wittman Regional Airport in Oshkosh, Wisconsin.

The AirVenture activities include flights, forums, and recognition throughout the week, which will kick off a full year of 30th anniversary commemorations. Special focus on Young Eagles will take place on Thursday, July 28.

“Over the past three decades, more than 50,000 volunteer EAA-member pilots have flown nearly 2.3 million young people, with thousands of those Young Eagles inspired to pursue their own aviation dreams and careers,” said David Leiting, EAA’s Eagles Programs manager. “At Oshkosh this year, we want to recognize those volunteers, build on the program’s successes, encourage new pilots to get involved, and celebrate the lives that have been influenced by the Young Eagles program.”



Among the activities scheduled for July 28 are:

- Young Eagles flights in the Ford Tri-Motor and Bell 47 helicopter with young people chosen through local EAA chapters
- A 1:30 p.m. group photo on Boeing Plaza that day, open to all previous Young Eagles, Young Eagles pilots, and volunteers
- A ceremonial 30th anniversary Young Eagles flight prior to the afternoon air show, recognizing the impact of the program on the aviation community
- An evening program at EAA’s Theater in the Woods, featuring noteworthy Young Eagles, scholarship recipients, and other special guests

Throughout the week, the goal is to fly at least 30 Young Eagles during AirVenture. Additional flights will take place in EAA’s powered parachute in the Fun Fly Zone. An expanded Young Eagles presence on the grounds all week will include a pavilion adjacent to the Learn to Fly Center and prop cards available for any airplane at Oshkosh that has been used to fly Young Eagles. Additional activities will be announced as they are confirmed.

After the Young Eagles program’s introduction at a Washington, D.C., news conference in May 1992, the first flights took place on July 31, 1992, during that year’s EAA Fly-In Convention. The initial flights were piloted by EAA president Tom Poberezny and Young Eagles’ first chairman, pilot and Academy Award-winning actor Cliff Robertson.



## VFR into IMC AVOIDANCE & ESCAPE

Let's work together on reducing VFR into IMC accidents to an all-time low!

The Aircraft Owners and Pilots Association (AOPA) Air Safety Institute (ASI) has launched a new safety campaign [VFR into IMC: Avoidance and Escape](#).

The campaign, which runs from April 1 to Dec. 31, 2022, is designed to focus efforts and outreach on addressing the most significant cause of weather-related accidents in general aviation — visual flight rules into instrument meteorological conditions (VFR into IMC), ASI officials said.

“VFR into IMC is among the top five causes of fatal GA accidents, which are largely preventable,” said ASI Senior Vice President Richard McSpadden. “And it’s not only VFR pilots who get trapped — about one-third of these accidents involve instrument-rated pilots.”

The campaign includes a new VFR into IMC safety spotlight based on a research study from the Air Safety Institute that reveals pilots encounter these conditions every other week on average.

“The nature of these accidents typically results in a fatality,” McSpadden said. “Experience alone is no guard against them. In fact, instrument-rated commercial pilots are twice as likely to be involved in VFR into IMC accidents compared to their non-instrument-rated counterparts.”

“Often thought of a single cause, VFR into IMC plays a role in several other types of accidents, including loss of control in-flight (LOC-I) and controlled flight into terrain (CFIT),” he continued.

The campaign’s material, programs, and upcoming events are packaged in [a new online resource center](#) with links to the new safety spotlight, videos, podcasts, articles, and webinars. The center will be updated throughout the year as more materials and events become available, according to McSpadden.

You can go to the campaign’s online resource center by clicking [here](#).



# Ken's Aviation Museum of the Month

By: Ken Kwiatkowski



**Lakeland , Florida**

In honor of Sun 'n Fun which took place earlier this month, I wanted to feature its sister museum, the Florida Air Museum.

Both the museum and the Sun 'n Fun Fly-In are under the auspices of the Center For Aerospace Excellence. The museum is on the Sun 'n Fun campus at Lakeland Linder Airport.

The current museum building opened in 1992. One of the highlights of the collection is an extensive research library which also contains a large collection of Howard Hughes memorabilia from the Howard Hughes Corporation.



The museum is also home to the Florida Aviation Hall of Fame, whose members include Eddie Rickenbacker, Jimmy Doolittle, and Charles Lindberg among other aviation legends.



Static displays include a large collection of aircraft engines along with an F-16 Tomcat, Sea Dart, Vertical Riser and Pietenpol.

The museum hosts a number of educational programs including STEM, through the Center for Aerospace Excellence.

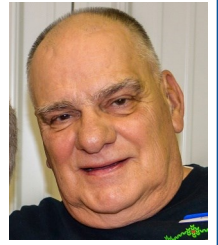
The museum is open daily.





# Beat Billy

By: Bill Cameron



## April's Question:

Out of the forgotten skies of yesteryear swoops this month's aviation brain teaser.

Name this plane.



Till next month, stay warm and keep the green side down.

Billy, out.





[planeperfect.us](http://planeperfect.us)

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# Airplane Raffle!!



My name is Jim Steward and I am the President of EAA Bruce McCombs Chapter 72 in Falcon, Colorado. We were gifted a nearly complete and professionally built RANS S-19 with a factory new Rotax engine and propeller still in the box. Chapter 72 members completed the project and it is scheduled to be painted in June. We have elected to raffle this incredible airplane off. The proceeds of the raffle will be used to offer scholarships to future pilots and mechanics. In addition, we hope to acquire a new simulator in which to help these future pilots with additional training and at the same time provide a resource for other local pilots. Our goal is to sell 2500 tickets at \$100.00 each by the drawing date of December 17<sup>th</sup> 2022.

The website for the raffle is [www.eaa72raffle.org](http://www.eaa72raffle.org) where you can find more information, official rules and purchase tickets.

Jim Steward  
President

Over \$100,000 invested in the totally new 2022 RANS S-19 E-AB.



Equipped with a factory new Rotax 912-ULS, with a Sensenich composite ground adjustable propeller.



Avionics include: Two Dynon D700 displays, Dynon EMS-220 engine monitoring module, Dynon ADHRS primary and secondary, Dynon roll and pitch servos, Dynon AOA/pitot probe, Dynon backup battery, Dynon Mode-S transponder, Dynon GPS-2020 ADS-B OUT and a Garmin SL40 Comm.



**General Characteristics:**

Capacity: Two  
Length: 19 ft 10.75 in  
Wingspan: 28 ft 0 in  
Height: 7 ft 11.5 in  
Wing area: 126.9 sq ft  
Aspect ratio: 6.18:1  
Empty weight: 820 lb  
Gross weight: 1,320 lb  
Fuel capacity: 24 US gallons

**Performance:** (based on Manufacturer's data)

Cruise speed: 128 mph (206 km/h, 111 kts)  
Stall speed: 45 mph (39 kts) flaps down  
Never exceed speed: 150 mph (130 kts)  
Range: 580 mi (500 nmi)  
Endurance: 5.1 hrs  
Service ceiling: 14,500 ft  
g limits: +4.4/-2 at max gross weight  
Rate of climb: 900 ft/min  
Wing loading: 10.4 lb/sq ft

\*\*\* This item is not affiliated with EAA Chapter 579. \*\*\*

If you have an aviation related item for sale, please send them to me at [mikebaer150@gmail.com](mailto:mikebaer150@gmail.com)

# For Sale

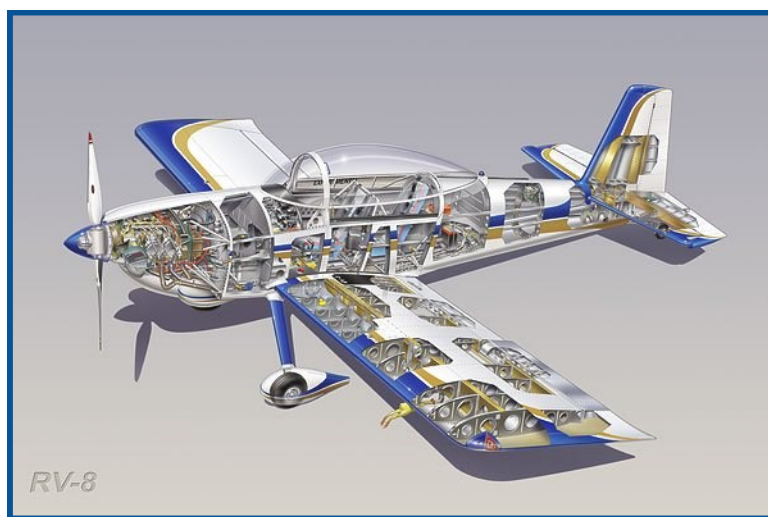
## Vans RV-8 Empennage by Mark Jouzapaitis

I am selling a partially built empennage section of a Vans RV-8.

Primed with MIL-SPEC zing-chromate but skins not mounted. Blueprints & Owners Manual. The 3 other sections that need to be acquired are the wings, fuselage, and power plant mount & cowlings.

When I began the project I was not sure which configuration I desired, trike or tail-dragger. The commitment is made when acquiring the fuselage section.

I have a zero-time overhaul Mazda 13B still on the engine stand. New seals & gaskets. The engine has not been dyno-tested. The engine requires a PSRU (power speed reduction unity) that lowers 6K RPM to 2,400 RPM. Although this engine is not required if a traditional Continental 4 banger is used. Rotary is much smoother than reciprocation.



I also have aircraft construction tools. Special tools such as a pneumatic riveter (C type) that replaces a rivet hammer & bucking bar. This greatly streamlines riveting—especially for 1 person construction.

Mark Jouzapaitis  
mjnvllc@gmail.com

\*\*\* This item and seller are not affiliated with the EAA or Chapter 579. \*\*\*

If you have an aviation related item for sale, please send them to me at [mikebaer150@gmail.com](mailto:mikebaer150@gmail.com)





Please join us at our next

### VMC Club Meeting

Thursday, May 5<sup>th</sup>

7:30 pm @ SimplyFly

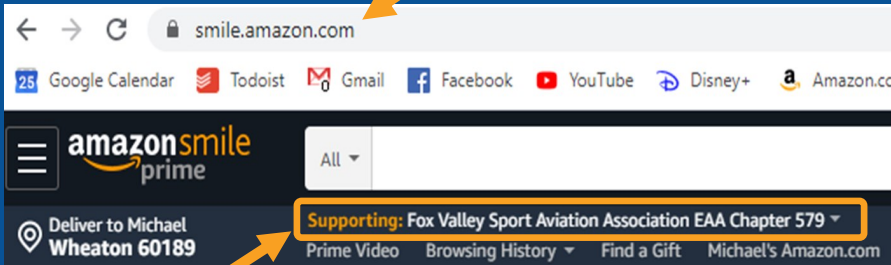


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# Thank You for your Support !!



## 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 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](mailto: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		