



April 2021



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This month's cover photo is Sara S., our second Ray Aviation Scholarship recipient. Sara passed her check-ride on April 16th earning her Private Pilot's License. Everyone in the Chapter is extremely proud of Sara. Sara has volunteered at Young Eagle Rallies, spoken at Chapter Gatherings, is an active member of the Civil Air Patrol and plans to attend the Air Force Academy. **Congratulations Sara!!!**

During our April Chapter Gathering we reviewed the results of the 2021 Young Eagle survey, discussed everyone's comfort levels in conducting our 2021 Young Eagle rallies and shared ideas for running safe rallies while COVID-19 is still a known health concern. We will be doing a few things differently this year, at least for the first rally. Please see page 3 to review the changes we are planning to implement for our first rally of 2021 on June 27th.

We will also be conducting our first in person Chapter Gathering in May. If you are not currently a Chapter member or your membership has expired, please join us. You can find the membership application/renewal on the last page.

Take care, stay safe and looking forward to seeing everyone again soon!

Mike



CHAPTER 579 2021 MONTHLY CHAPTER GATHERING SCHEDULE

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



July 22
August 26
September 23
October 28
November 18
December 16

Aviation Museum of the Month



[Air Classics Museum of Aviation](#)

The Air Classics Museum of Aviation is a volunteer-run aviation museum located just a block west of the Aurora Municipal Airport (ARR) in Sugar Grove, Illinois.

The collection includes aircraft, vehicles, uniforms and other aviation memorabilia from the 1930s to the present time. Volunteer veterans offer guided tours of the aircraft located on-site and visitors are encouraged to sit in an A-7 flown in the Gulf War, as well as climb into the pilot's seat of an UH-1 Huey helicopter.



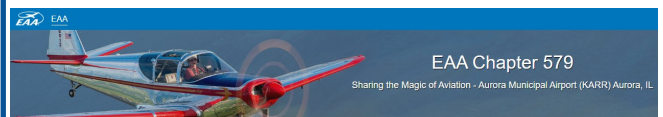
Be sure to follow [EAA Chapter 579](#) on Facebook to get the latest updates on all of our activities.



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	
Event Calendar	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!
Propose a Newsletter	
Member Aircraft	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 on 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.
Young Eagles	
Eagle Flights	
Ray Aviation Scholarship	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...
Technical Counselors	



CHAPTER 579 YOUNG EAGLE RALLY UPDATE

2021 Rally Schedule

Jun 27 / Jul 18 / Aug 15 / Sep 19 / Oct 17

As you all know, due to the health risks associated with COVID-19, in the interest of safety we decided to cancel all of our 2020 Young Eagles Rallies.

We have been closely monitoring the CDC Guidelines as well as those of State and Local authorities and have decided to restart our Young Eagle Rallies on June 27, 2021.

Since we are still living in a COVID-19 world, we will be undertaking a number of changes for our June rally. These changes may be in place for future rallies but this will be determined at a later date.

The changes that will be in place for June include the following:

- No walk up registration - All registrations must take place online before the rally. Registration details will be posted on our Facebook Page (EAA Chapter 579) as we get closer to the date of our rally
- All Young Eagles must wear masks while inside the aircraft
- While our aircraft hold one to three Young Eagles, all Young Eagles in a single aircraft must be from the same family. As a result, we anticipate that many flights will leave with empty seats.

Additional safety precautions will be in place to protect our Young Eagles, volunteers and their families.

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



Launched in 1992, the Young Eagles program has dedicated more than 25 years to giving youth ages 8–17 their first free ride 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!



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

Young Eagle Questions?

**Ask our Young Eagle Coordinator Sebastian Saavedra
youngeagles579@gmail.com**



On Tuesday, April 27th, the Centers for Disease Control and Prevention (CDC) unveiled updated guidelines detailing activities that vaccinated people can safely resume, including attending small outdoor gatherings without the need to wear a mask.

The new "interim public health recommendations" detail a variety of situations in which individuals who have been fully vaccinated against COVID-19 can forgo wearing a mask, but urged the continued use of face coverings in most indoor settings and in crowded outdoor areas.

This is great news as the Chapter, during our April Virtual Gathering, decided to resume person Chapter Gatherings at the end of May and Young Eagle rallies in June.

The new recommendations say fully vaccinated individuals can engage in the following activities without wearing masks:

- Walking, running, hiking or biking outdoors alone or with members of their household
- Attending small outdoor gatherings with fully vaccinated family and friends
- Attending small outdoor gatherings with a mixture of fully vaccinated and unvaccinated people
- Dining at outdoor restaurants with friends from multiple households.

Fully vaccinated people can also attend "a crowded, outdoor event, like a live performance, parade, or sports event," as long as they remain masked, according to a CDC infographic of the new guidelines...

Choosing Safer Activities

	Unvaccinated People	Your Activity	Fully Vaccinated People
		Outdoor	
Safest		Walk, run, or bike outdoors with members of your household	
		Attend a small, outdoor gathering with fully vaccinated family and friends	
		Attend a small, outdoor gathering with fully vaccinated and unvaccinated people	
Less Safe		Dine at an outdoor restaurant with friends from multiple households	
		Attend a crowded, outdoor event, like a live performance, parade, or sports event	
Least Safe			
		Indoor	
Less Safe		Visit a barber or hair salon	
		Go to an uncrowded, indoor shopping center or museum	
		Ride public transport with limited occupancy	
		Attend a small, indoor gathering of fully vaccinated and unvaccinated people from multiple households	
Least Safe		Go to an indoor movie theater	
		Attend a full-capacity worship service	
		Sing in an indoor chorus	
		Eat at an indoor restaurant or bar	
		Participate in an indoor, high intensity exercise class	

Get a COVID-19 vaccine



Prevention measures not needed

Take prevention measures

Fully vaccinated people: wear a mask
Unvaccinated people: wear a mask, stay 6 feet apart, and wash your hands.

- Safety levels assume the recommended prevention measures are followed, both by the individual and the venue (if applicable).
- CDC cannot provide the specific risk level for every activity in every community. It is important to consider your own personal situation and the risk to you, your family, and your community before venturing out.



Federal Aviation Administration News & Updates

From The Flight Deck

A safety incident on a runway involving a commercial jet is always a top news headline. However, smaller general aviation (GA) aircraft involved in a runway mishap or a close call at a runway intersection is just as big of a concern for the Federal Aviation Administration.

For the two-year period of 2019–2020, there were nearly 1,900 runway incursions caused by pilot error. General aviation pilots were involved in about 1,500, or 78 percent, of those runway issues.

“We need to reduce risk in the system by raising the awareness of general aviation pilots and providing them more understanding of local runway and taxiway configurations,” explains Glen Martin, FAA Vice President of Safety and Technical Training.

This is the premise behind the expanding [From the Flight Deck runway safety video initiative](#). The FAA has produced a series of 4- to 5-minute videos of actual approach, landing and runway taxi scenarios at small and medium-size airports using Go-Pro cameras in a Cessna to recreate the GA pilot viewpoint. Graphics, animation and runway diagrams accompany the footage, along with a voice-over to fully describe and educate about runway and intersection “hot spots” at specific airports across the United States.

So far, more than three dozen videos have been developed and released free to the public, which highlight runways and intersections at 38 different U.S. airports. General videos also have been created for GA operations that focus on wrong airport landings, wrong surface landings, winter weather, wrong direction departures and hold short procedures. The video series has garnered more than 170,000 views since its inception.

The FAA plans to create and release videos for 30 to 40 more airports during the next two years. Additional goals include linking every video to its corresponding airport web site and for general aviation trade associations to help build awareness and distribution of these safety videos through their own social media sites.

“These are invaluable safety tools for general aviation pilots and for airports with general aviation operations,” adds Martin. “Getting the right information to the pilot will help make us safer.”



Ask Professor Green

By: Tim Green



Question:

Where do N-numbers come from?



Answer:

The U.S. received the "N" as its nationality designator under the International Air Navigation Convention, held in 1919.

Only U.S. and four other nations were assigned a unique first letter. In each case, that first letter was the same as a radio call letter that had been previously assigned to that nation by an evolving series of international agreements. Originally W for the Wright Brothers was proposed for the US but the Navy had already been using N as a radio call sign since 1909.



The earliest legal requirement for the N marking is found in 1927.

Prior to 1948 the letter 'N' was usually suffixed by one of the six following: 'C' for Commercial, 'L' for Limited, 'P' for Private, 'R' for Restricted, 'S' for State or 'X' for Experimental.

Starting in 1960 wing surface markings were no longer required.

AVIATION NEWS



SUN n FUN Recap



The first big airshow of the season showed that aviation enthusiasts are ready and grateful that airshows are back after being canceled in 2020 because of the COVID-19 pandemic.

The 2021 SUN 'n FUN Aerospace Expo, held April 13-18 at Lakeland

“Saturday was our biggest Saturday in 47 years,” said John “Lites” Leenhouts, president and CEO of SUN 'n FUN. “The weather was spectacular, the workshops filled to capacity, and camping overflowed. They all came in larger numbers than expected and they stayed.”

Celebrating their 75th season, the Navy’s Blue Angels performed their first public airshow featuring their new F/A-18E Super Hornets.



EAA Begins 'Project 21' Museum Expansion



EAA's "Project 21" initiative, including the first expansion of the EAA Aviation Center in Oshkosh in more than 20 years, will bring year-round aviation education and training to current and future aviators. Groundbreaking for the two-story, 30,000-square-foot facility, connected to the EAA Aviation Museum, took place on Monday, April 26, with EAA and community leaders present.

"While the EAA Aviation Museum highlights more than a century of accomplishments in personal flight, a major part of EAA's mission to grow participation in aviation is to offer high-level programming for current and future pilots," said Jack J. Pelton, EAA's CEO and Chairman of the Board. "Project 21 brings that vision to reality, and further strengthens Oshkosh as the home for those who pursue their dreams of flight."

The \$6.2 million project, completely funded via a capital campaign separate from EAA member dues, will feature an innovative Pilot Proficiency Center and a hands-on Youth Education Center. These facilities are adjacent to the museum's current Eagle Hangar and will allow individuals and groups to experience all of EAA's resources on a year-round basis.

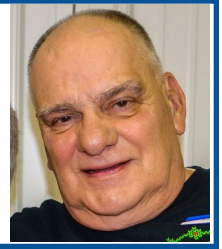
The Pilot Proficiency Center features a state-of-the-art skill building and training center for general aviation pilots. It combines relevant safety forums with challenging simulator training sessions that address key flight safety issues. The new facility will focus on improving pilots' overall aeronautical decision-making skills.

The Youth Education Center brings aviation-centric experiences to the EAA Aviation Museum year-round. The 15,000-square-foot Youth Education Center will provide youth, their parents, and their teachers access to interactive and project-based activities that inspire and nurture the next generation of aviators.

Project 21 is Phase One of EAA's long-range plan for its museum, which transforms the facility into one that encompasses history, training, and education. Completion of construction is expected by May 2022, with a grand opening scheduled for EAA AirVenture Oshkosh 2022 in July of that year.

Beat Billy

By: Bill Cameron



March Answers:

This fine aircraft is none other than the Buhl-Verville J-4 Airster.

This aircraft was the first of the civil or so-called “commercial airplanes” to receive the new “Approved Type Certificate”, A.T.C #1, on March 29th, 1927 by the newly instituted “Aeronautics Branch” of the U.S. Department of Commerce. This Aeronautical branch of the Department of Commerce was established to regulate the manufacture of the planes being built and designed for the commercial or civilian market.



Under the Air Commerce Act of 1926, fathered by the Hon, William P. McCracken, the “Type Certificate” became a compulsory regulatory measure.

Any aircraft that successfully passed all the requirements set forth by this act would then receive it’s badge of honor, the “A.T.C.”. Since 29 March, 1927 any aircraft built to sell to the commercial or civilian market has had to have and faithfully conform to the provisions in it’s “type certificate number”. An aircraft that received an A.T.C. proved that it was completely airworthy and safe.

Although this plane has been pushed from the memory of most us today, we can say that the Buhl-Verville J-4 Airster ushered in a brand new era in the annals of aviation history.

April Questions:

Well all my aeronautical minded friends it’s time for another aircraft brain teaser.

Try to identify this long gone aircraft and while your at it see if you can tell me what kind of car is sitting next to it!



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.



FOR SALE

1998 Avid Flyer Mark IV Experimental/Homebuilt

Rotax 582 engine, wheel pants, 14 gal wing tanks, teak control sticks, Whelen strobes, KT76A transponder, Apollo SL40 radio, ELT, foldable wings

800 hours

\$15,000 OBO

815/751-0082



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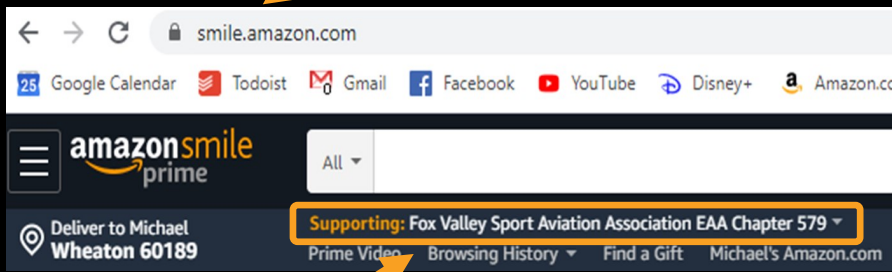


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There is no mark-up on any item you purchase, and the Chapter will earn .5% on all of your purchases.

It couldn't be easier!

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)	\$15	
Life	\$500	