





April 2024




Chapter 579
Young Eagles Flown:

20,066



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

Check out our chapter website at
chapters.eaa.org/ea579
for Chapter information

CHAPTER OFFICERS

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

Chuck Newell

Secretary:

Ed Ramos

Treasurer:

Dave Montgomery

CHAPTER DIRECTORS

Bill Cameron

Tim Green

Mariano Rosales

Nathan Stonehocker

Baer → Mail



The Young Eagles season is finally here! On April 25th we kicked things off with our April Chapter Gathering where we reviewed all of our air and ground procedures. We discussed the many volunteer roles necessary to host a successful rally, and we were honored to be joined by Kevin and Jake from the Aurora Tower who provided us with an update on ATC procedures for the coming season as well as addressing all of our questions. Images from the evening appear on page 5. If you were unable to make the Gathering but would like to volunteer, we would love to have your help. I will be sending out a call for volunteers email to all chapter members in early May. If you are not currently a chapter member but would like to help out at the rally, please send me a note (mikebaer150@gmail.com) to let me know and I will be sure to include you in the volunteer communications.

Hope to see everyone at one (or more) of our 2024 rallies!

Blue Skies,
Mike




CHAPTER 579

2024 YOUNG EAGLE RALLY SCHEDULE



May 19
 Jun 23
 Aug 25
 Sep 22
 Oct 13



**ONLINE
 REGISTRATION**

We will once again be using Online Registration for our Young Eagle Rallies. Registration will open up ten days before each rally. Be sure to follow our [Facebook](#) page for details!



EAA Chapter 579
 Aurora, IL

20,000
 Young Eagles Flown
 September 2023

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, nearly 2.3 million young people have enjoyed a free introductory flight through the Young Eagles program. **On September 24, 2023, Chapter 579 became the first EAA Chapter worldwide to have flown 20,000 Young Eagles!**

- 1 Young Eagles Flight
- 2 EAA Student Membership
- 3 Sporty's Learn to Fly Course
- 4 First Flight Lesson
- 5 Scholarships

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

Send your Young Eagles Questions to
mikebaer150@gmail.com

CHAPTER 579 2024 MONTHLY CHAPTER GATHERING SCHEDULE

January 25

February 15

March 28

April 25

May 23

June 27



Gone to Oshkosh

August 22

September 26

October 24

November 21

December 19*

(* Tentative)

AVIATION NEWS



10 Best-Selling Piston Airplanes in 2023

2023 was a banner year for general aviation, with piston airplane deliveries increasing 11.8% to 1,682.

That's the takeaway from the General Aviation Manufacturers Association (GAMA) 2023 General Aviation Aircraft Shipments and Billings Report. Released Feb. 21, 2024, during the association's annual State of the Industry event, the numbers show that "every segment of general aviation improved in 2023," according to GAMA President Pete Bunce. "This is strong, steady, and sustained growth," he said. "For the first time in more than a decade, the general aviation manufacturing industry has eclipsed 4,000 aircraft delivered," he said.

Even better, billings topped \$27.8 billion, a 3.6% jump from the prior year. And even better than that, there are "robust and growing order backlogs for all segments of aircraft," Bunce reported. "This is a testament to the resilience of our industry and the integral role that general and business aviation play in our communities," he said.

Can you guess the top 10 best-selling piston airplanes of the year? Take a guess and then flip to the next page to see the top 10 and check your answers:

10 Best-Selling Piston Airplanes in 2023

1) Cirrus SR22T: 355 sold



2) Cessna Skyhawk: 180 sold



3) Piper Pilot 100i: 145 sold



4) Cirrus SR22: 142 sold



5) Diamond DA40: 119 sold



6) Cirrus SR20: 115 sold



7) Diamond DA62: 66 sold



8) Tecnam Mentor: 60 sold



9) Tecnam P2010: 58 sold



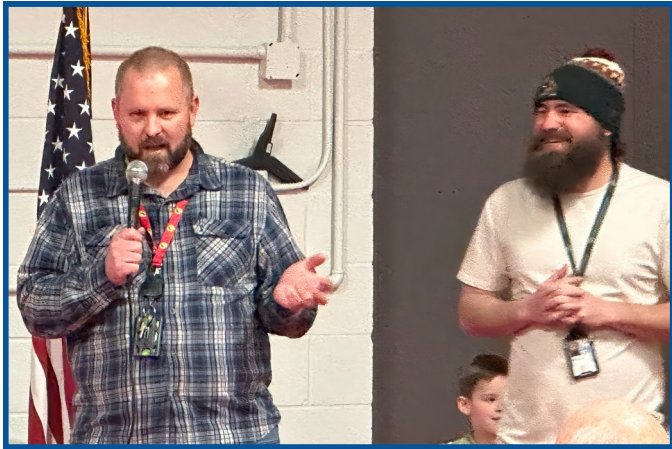
10) Pipistrel Alpha Trainer: 53 sold



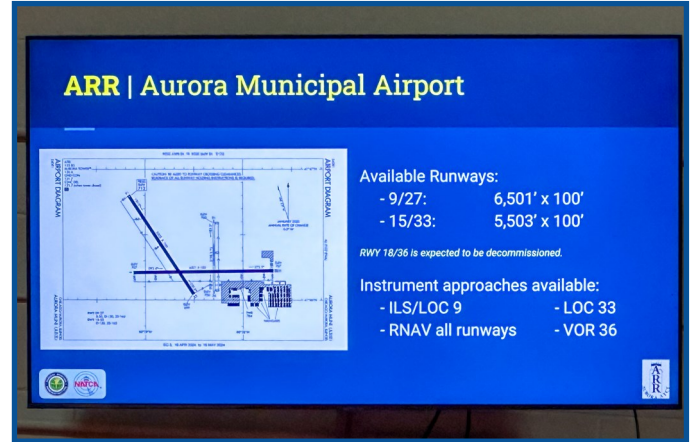


579 Chapter Gathering

April 26, 2024



Kevin and Jake did a fantastic job briefing the group on the Aurora ATC procedures for our 2024 Young Eagles rallies.



We discussed airport configuration, preferred runways, traffic patterns and runway exit procedures.



We reviewed KARR Hot Spots and Areas of Low Visibility.



The meeting was well attended with almost 40 chapter members preparing for another year of rallies.



EAA Young Eagle Program

- Founded in 1992, the Young Eagles program has dedicated 30 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, the Young Eagles program has flown over 2.2 million kids with the help of EAA's network of volunteer pilots and ground volunteers.
- Chapter 579 holds the honor of flying more Young Eagles than any other Chapter worldwide.
- **20,066 Young Eagles Flown!!!**

We are very proud of the milestone we passed last year and we are looking forward to another successful year in 2024.

Ask a Controller



Kevin and Jake patiently fielded all of our questions. We really appreciate everything they do to help out the Chapter during our rallies.



Know Your Chapter Members

~
Tim Green



1. Where were you born & raised

Born in NYC (Manhattan). Thru 5th grade we lived in New Paltz, NY (across the river from Poughkeepsie. We then moved to Port Washington, Long Island, NY. I attended University of Arizona, majoring in Engineering Mathematics. My first job was in Chicago as a Sales Engineer and I never left.

2. What is your (non-aviation) background?

I spent my whole working carrier as a semiconductor technical salesman in the telecommunications industry. I worked for Advanced Micro Devices (AMD), Altera and as a Manufacturers Representative for a total of 56 years. I was an Elmhurst volunteer firefighter for 10 years. I have been married to my wife Linde for 54 years, we have two daughters, five grandchildren and two great-grandsons.

3. What is one thing you would like to accomplish in the next year?

Fly more this summer, maybe fly around Lake Michigan with an overnight.

4. What would you do if you won the lottery?

LIVE BIG, setup annuities for my daughters and grandchildren, build a home in an airpark, fly first class or private jet, cruise more.

5. What is your dream vacation spot(s)?

Interlaken, Switzerland (the adventure capital of Switzerland, adrenaline junkies love it). It's my Happy Place.

6. Do you have any hobbies (other than aviation)?

Sports car racing, I raced for over 35 years. I also love to SCUBA dive.

7. How did you get interested in aviation?

Been interested since I was young, started glider flying while in Hawaii on business at Honolulu Soaring in 1981. My father flew as a young man but never got his license.

8. What is your favorite aviation memory?

Getting my Sport Pilot License at Sebring Regional Airport (KSEF) April 21, 2011 at age 68. Watching my grandson Mark get his license at 17.

9. If you could fly any aircraft what would it be?

No question → STEARMAN BIPLANE

10. If you could have dinner with any aviator past or present who would it be?

Jim Lovel, Harrison Ford, Baron Manfred von Richthofen (the Red Baron), "Sully" Sullenberger

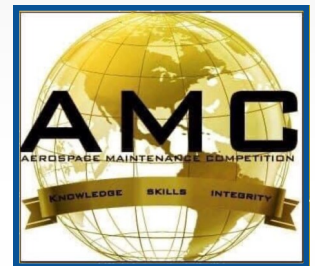


579 Member Moments & Milestones



Nathan Stonehocker competes in Aerospace Maintenance Competition

The Aerospace Maintenance Council is a non-profit organization that promotes and supports the aerospace maintenance community. The organization's main event is the Aerospace Maintenance Competition (AMC), which is held annually. The AMC recognizes and celebrates aviation maintenance technicians (AMTs) and the skills needed to maintain safe, airworthy aircraft. The competition tests the knowledge, skill, and integrity of AMTs and provides an opportunity for current and future maintenance professionals to showcase their abilities. Five-member teams compete in 27 events across six categories, representing educational institutions, commercial airlines, repair and manufacturing companies, general aviation, and space.



Nathan Stonehocker was part of the Lewis University team that competed at this year's AMC at McCormick Place in Chicago from April 9 - 11. The Lewis University team was sponsored and trained by United Airlines. Each team would go to different stations to complete a variety of timed tasks and challenges that had to be completed in under 15 min. Lewis University's team placed 7th out of 39 schools! The Lewis University team was awarded 1st place in fan blade removal, human factors, and the antenna fault test. Nathan had new experiences, made lots of contacts, and left with a load of "bling" from the competition.

Congratulations Nathan!



B-29 Reunion Added to Warbird Highlights at EAA AirVenture Oshkosh 2024



The world's only two flying examples of the Boeing B-29 Superfortress will make a rare joint appearance this summer during EAA AirVenture Oshkosh 2024, supporting the "Turning the Tide" salute to 1944 that will also commemorate the 80th anniversary of D-Day. The 71st edition of EAA's fly-in convention is July 22-28 at Wittman Regional Airport in Oshkosh.

It is believed to be only the fourth time two B-29s have made a joint public appearance in 50 years, with the first taking place in Oshkosh in 2017. It is the first time these aircraft have appeared together since 2018.

"As AirVenture is the world's largest annual gathering of warbirds, bringing these two iconic aircraft together is another of those 'Only at Oshkosh' moments," said Rick Larsen, EAA's vice president of communities and member programs, who coordinates AirVenture features and attractions. "These airplanes are big favorites wherever they appear, but together they will make the 'Turning the Tide' commemoration even more unforgettable."

As currently scheduled, each airplane will spend time featured on EAA's Boeing Plaza. *FIFI* will be on display on July 22-24, while *Doc* will take center stage for display on July 25-28. The airplanes are also scheduled to make a formation flight at the beginning of the July 24 night air show. When not on display at Boeing Plaza, flight experiences on *Doc* July 22-25 will be based at Appleton International Airport, approximately 20 miles north.

FIFI is owned and operated by the Commemorative Air Force's B-29/B-24 Squadron of Dallas, Texas. It was acquired by the CAF in the early 1970s when a group of CAF members found it at the U.S. Navy Proving Ground at China Lake, California, where it was being used as a missile target. The airplane was rescued and restored, then flew for more than 30 years until 2006, when the chief pilot made the decision to ground it pending a complete powerplant re-fit. After an extensive four-year restoration that included installing four new custom-built hybrid engines, *FIFI* returned to the sky in 2010 and has since traveled coast to coast. More information is available on the CAF's AirPower History Tour website.

Doc was built in 1944 and for many years was part of a squadron known as the Snow White and the Seven Dwarfs in upstate New York at Griffiss Air Force Base (hence, the name *Doc*). The airplane was retired in 1956 as the jet bomber age began and sat as a target for Navy training missions in China Lake, California, until 1998. A restoration group took possession of the airplane from the U.S. government and hauled it to Wichita, Kansas, in pieces in 2000. After 16 years and more than 450,000 volunteer hours, *Doc* made its first flight after restoration in July 2016, 60 years after it had been retired. Flight experience information for *Doc* at Oshkosh is available at <https://www.b29doc.com/rides/>. *Doc* is owned and operated by Doc's Friends, Inc., a non-profit based in Wichita.



Federal Aviation Administration

Career Opportunities in Air Traffic Control



Michael Whitaker, administrator of the Federal Aviation Administration (FAA), said earlier this month - "We know that we're understaffed throughout the population of controllers, so we have been doing everything within our power to increase controller hiring. We met our goal last year of 1,500 controllers, and will meet our goal this year of 1,800 controllers. And we're continuing to do everything we can to increase the numbers." If you are considering a career in aviation but have not explored Air Traffic Control, perhaps now is the time to do so.

B4UFLY



The FAA's B4UFLY service shows where recreational flyers can and cannot fly. Kicked off on February 1, 2024, recreational flyers who only fly their drone for fun have more resources to choose from.

The FAA has approved four companies to provide B4UFLY services through desktop and mobile applications. B4UFLY provides situational awareness to recreational flyers and other drone users.

B4UFLY Desktop and Mobile Applications

Approved Service Provider	App on iOS	App on Android	Desktop
Airspace Link <small>cr</small>	✓	✓	✓
AutoPilot <small>cr</small>	✓	✓	✓
Avison <small>cr</small>	✓	✓	✓
UASidekick <small>cr</small>	✓	✓	✓

Key features of B4UFLY include:

- Information about controlled airspace, special use airspace, critical infrastructure, airports, national parks and military training routes
- Information about Temporary Flight Restrictions for special events.
- A clear status indicator that informs the operator whether it is safe to fly or not.
 - For example, an indicator shows that flying in the Special Flight Rules Area around Washington, D.C. is prohibited.
- Informative, interactive maps with filtering options.
- The ability to check whether it is safe to fly in different locations by searching for a location or moving the location pin.
- Links to other FAA drone resources.



In July of 2023, the FAA issued a notice of proposed rulemaking, Modernization of Special Airworthiness Certification, (“MOSAIC”), which was intended to modernize its approach to Light Sport Aircraft (“LSA”) by embracing technological advances and enlarging the scope of their permitted operations. Many pilots have been looking ahead to a day when the proposal is a rule, sport pilots gain access to a whole raft of new aircraft, legacy LSAs have a chance to expand their operating envelopes and many of the companies planning to make new models that fit into the MOSAIC template actually come to market.

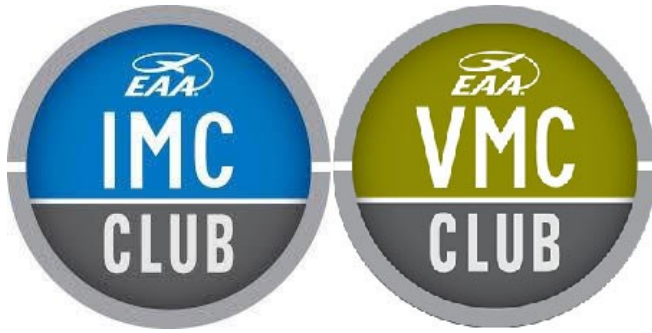
It was understood early on that the FAA was planning on taking 16 months to review public and industry comments, starting from the close of comments. That was extended from October 2023 to January of this year. Then there was another shorter extension to fix a few “technical” issues with the original proposal, mainly relating to rules around noise and noise testing. There was chatter early on that the FAA might have some kind of announcement at AirVenture this year, but anything beyond “yes, we’re still working on it” seems unlikely. The FAA tends not to do rulemaking in public (after the comment period, anyway), so it’s likely that we won’t hear much until we get the final rule.

But that’s not the end of it. Once the FAA has published its final rule on MOSAIC, the American Society for Testing and Materials (“ASTM”) committees may have to refine their standards based on the final rule and the FAA will need to approve it. Of course, this back-and-forth is already going on, so it’s not like the ASTM committees are working in a vacuum and no one is predicting massive rewrites. But, according to sources, the approval process on the airframe side could take from 2 to 6 months after the rulemaking is made final. So even if the FAA and the ASTM committees are in close agreement, it still won’t be an instant-on situation.

Where does that get us? According to EAA’s Dick Knapinski, “It is correct that early to mid-2025 is expected to be the announcement of the final rule. We’ve been telling those who ask that, based on our conversations with the FAA, most recently at our annual winter summit in Oshkosh in early March.” But if the approval process stretches out, it could be December of 2025 before the new rules are widely in effect.

Which means the biggest challenge we face with MOSAIC is mustering patience.





IMC / VMC Club Meeting

Mark you calendar for our next meeting:

May 9, 2024

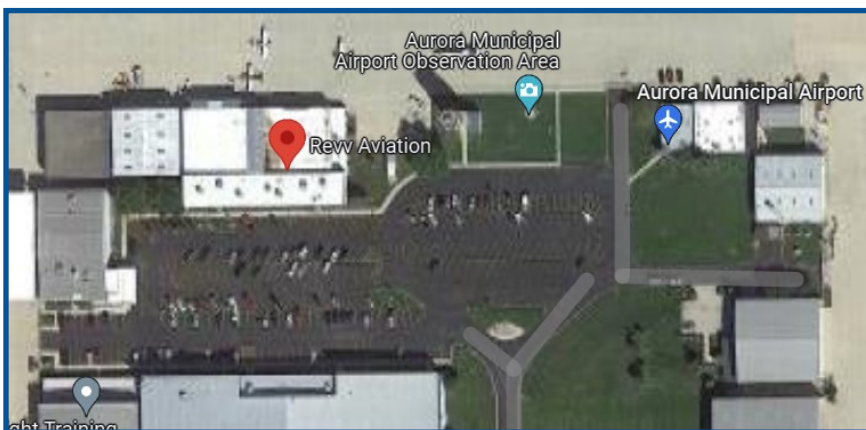
6:30 pm at the REVV Aviation Hangar
at Aurora Municipal Airport

Our IMC/VMC Club offers monthly meetings in which pilots and non-pilots can network and share knowledge and experience.

The meetings use real-world scenarios to engage members, and allow a free exchange of information that improves awareness and skills. The intent is to create a community of pilots willing to share information, foster communication, promote safety, and build proficiency.

The IMC/VMC Club monthly programming is developed and produced by EAA, but it does not use a lecture or presentation format. Instead, an actual scenario is presented and is followed by a group discussion – so audience participation is encouraged! Since everyone has a different experience level and different airplane capabilities, we can all benefit from the discussion.

Send your IMC/VMC Club Questions to:
Chuck Newell (cmnewell@sbcglobal.net) and
Nate Johns (beaconsplash@gmail)



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

<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	




CHAPTER 22, est. 1957



COTTONWOOD AIRPORT (1C8)

5105 Auburn Street, Rockford, IL. (Across from Auburn High School)

FLY-IN / DRIVE-IN

BREAKFAST

**Saturday, May 4, 2024,
7am-11am**

All you can eat Pancake & Biscuit & Gravy



Adults/age 13 up \$10.00

Children (12-3) \$8.00

Age 2 and under is Free

EAA Chapter 22 is a 501(c)(3)

**Enjoy the Food, Check-out Airplanes,
Meet New Friends, & Have Great Family Fun!**

If flying in, please note that Runway 18 uses a right-hand pattern,
while runway 36 uses a standard left-hand pattern. Check NOTAMS
and Facebook page for field conditions. CTAF 122.8

Info: info@eaa22.org

www.eaa22.org



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



EAA Chapter 579

Membership Application/Renewal

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		