





October 2024




Chapter 579
Young Eagles Flown:

20,371



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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

President, Newsletter Editor & Young Eagles Coordinator:

Mike Baer

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



October marks the end of our Young Eagle's season and we closed out the year with a fantastic rally on October 20th. Mother Nature finally agreed to cooperate after dealing us some pretty blustery conditions this year forcing us to cancel 2 rallies and reschedule another. In the end, we were very happy to be able to share the magic of flight with 320 Young Eagles this year bringing our chapter total to 20,371. Pages 4 and 5 provide images of a few of our smiling young aviators. To see more images from our October rally, check out the [Photo Album](#) on our Facebook page.

On October 24th, we held our monthly Chapter Gathering where we were joined by four of our new friends from Revv Aviation who shared their personal aviation journeys as well as a glimpse into the many facets of Revv Aviation's business. Revv supports Chapter 579 by providing us with meeting space for all of our Chapter Gatherings and IMC/VMC Club Meetings as well as joining us as full-fledged EAA members and flying Young Eagles during our rallies. Page 9 includes a few images from our October Chapter Gathering.

If you love aviation, I hope to see you at one of our upcoming events.

Blue Skies,

Mike



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



Questions on MOSAIC? Find the Latest!



While the general aviation community awaits the release of the final MOSAIC rule in 2025, EAA is keeping everyone up to date on what it could mean on many levels of recreational aviation.

Tom Charpentier, EAA's government relations director, hosted a webinar on October 23rd that outlined the latest on the rule, which creates in effect Sport Pilot/Light-Sport Aircraft 2.0. [That webinar is archived and available for all EAA members.](#)

More information regarding possibilities within MOSAIC is also available online at EAA.org/MOSAIC. This site outlines opportunities for new and existing pilots, flight instructors, and flight schools.

While federal law prohibits the FAA from providing its internal discussions on any rule with outside organizations, [EAA's recommendations to the MOSAIC NPRM](#) earlier this year — supported by a variety of GA organizations — are positive additions to the rule package that we believe should be included.



News From HQ

EAA AeroEducate Program Adds Three New Content Providers

AeroEducate, EAA's free online education program, has added three collaborators to its list of educational content providers. This partnership aims to tackle an ever-growing need for aviation education and interactive programming for young people. AeroEducate launched in 2022 as a free aviation education program created by EAA in cooperation with North Carolina State University and in partnership with other companies and organizations around the world. The program offers unique content for grades K-12 and utilizes a badging system to track individual progress as each elemental area and grade level is completed. Parents and teachers can also create accounts to gain access to a catalog of STEM-aligned, hands-on, group enrichment activities that further encourage youth of all ages to explore the many wonderful opportunities available within aviation. The Aircraft Electronics Association (AEA) has partnered with EAA to help develop avionics activities for all grade levels. The AEA



represents 1,300 member companies that specialize in all parts of the aircraft electronics space for general aviation aircraft including manufacturing, maintenance, and installation. PlaneEnglish Interactive Training Solutions has worked to provide automated and AI-assisted pilot communications activities for all levels of the student self-exploratory area of AeroEducate. PlaneEnglish develops innovative tools to help pilots maximize their training. Their interactive training solutions are designed to help communications, cockpit familiarization, procedures and flow training. SafeLaunch is a 501(c)(3) non-profit that uses aviation to educate youth about the dangers of drug and alcohol abuse. SafeLaunch provided content for the teacher resource dashboard as well as all grade



levels that focuses on the importance of avoiding addictive substances to maintain peak brain health. EAA's AeroEducate program was created to engage, inspire, and empower youth to achieve their dreams through exciting opportunities in aviation and aerospace, and encourage the industry leaders of tomorrow. More information can be found at [AeroEducate.org](https://www.aeroeducate.org).



579 Young Eagles Rally

October 20, 2024

Please see the full photo album on our [Facebook Page](#)





579 Young Eagles Rally

October 20, 2024

Please see the full photo album on our [Facebook Page](#)



Aviation Website of the Month



<https://www.faasafety.gov/>

As the educational outreach arm of the FAA, the FAASafetyTeam is committed to serving the General Aviation community, and making our skies even safer. The FAASafetyTeam's mission statement is to "Lower the Nation's aviation accident rate by conveying safety principles and practices through training, outreach, and education; while establishing partnerships and encouraging the continual growth of a positive safety culture within the aviation community."

The FAASafetyTeam website is a comprehensive resource for aviation safety information and training. It offers a variety of resources for pilots, mechanics, and other aviation professionals, including:

- **Safety Courses:** Online courses on a variety of aviation safety topics, including accident prevention, human factors, and emergency procedures.
- **Safety Briefings:** A collection of safety articles and presentations on a wide range of topics.
- **Safety Programs:** Information on FAASafetyTeam programs, such as the Wings Program and the Pilot Proficiency Program.
- **Safety Resources:** A library of safety resources, including checklists, reference materials, and safety videos.
- **Safety Alerts:** Timely safety alerts and advisories from the FAA.

The website is easy to navigate and provides a wealth of information for anyone interested in aviation safety. It is an excellent resource for pilots and other aviation professionals to stay up-to-date on the latest safety information and to improve their safety knowledge and skills.

Chapter Member Adventure

Albuquerque International Balloon Fiesta

Mike Baer



2024 Bucket List Trip!



More than 400 hot air balloons flying over Albuquerque.



Baby T-Rex from Utah



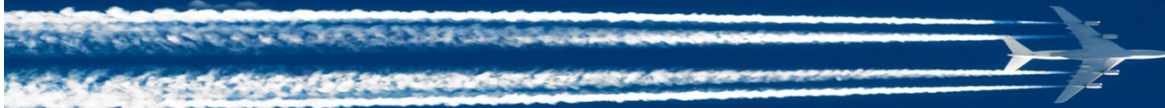
Dawn Patrol firing up at 6:00 am



Master Yoda from Belgium



Special Shapes Rodeo



Delnor Hospital's drone delivery program saves time transferring specimens, medical supplies



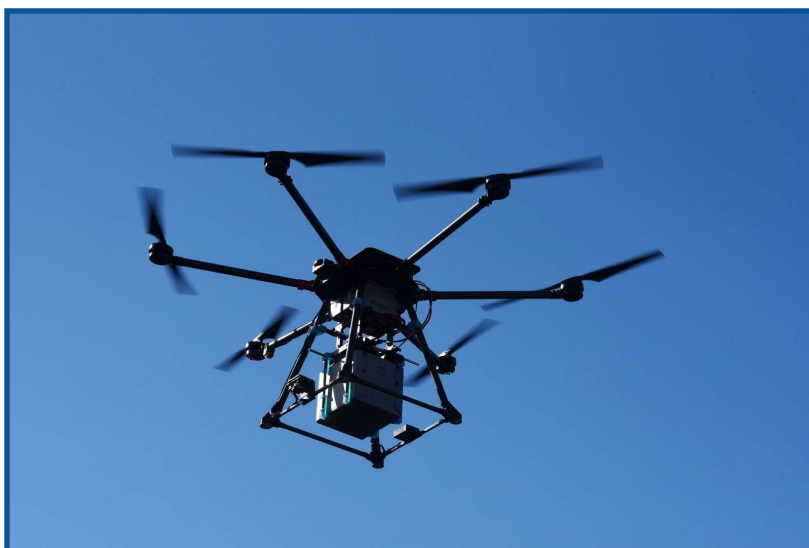
Time is at a premium when it comes to people's health. A pilot drone delivery program at Northwestern Medicine Delnor Hospital in Geneva is addressing this. A partnership between Northwestern Medicine and the Valqari drone delivery company in Lombard sends specimens and medical supplies in time-saving flights between the hospital and the Delnor Cancer Center. Without the drones, most deliveries at Delnor are made during four scheduled courier trips, or by nursing staff or laboratory technicians who make the deliveries on foot across Delnor Drive. It takes about a half-hour to cover the half-mile round-trip on foot. Staff does this more than 40 times a month. Drone delivery lets nurses do what they do best — care for patients.

"A half-hour is a good chunk of a nurse's day," said Ryan Walsh, Valqari CEO and founder. "We can make that same delivery in about 4 minutes." Delnor is among the first hospitals

in the United States to try out drones for inter-site deliveries. The Valqari drone has a wingspan of about three and a half feet and can carry a 15-pound payload. There have been more than 250 successful flights since the program kicked off on Aug. 1. "We've had a 100% success rate. It's been wildly successful thus far," said Sal Dazzo, vice president of administration at Northwestern Medicine. "I think it's incredible," he said. "It's very much aligned with why we're here, and it's for our patients. Northwestern Medicine has a very strong patients-first mission." As an example, a nurse needing a blood product for a patient would place an order using a computer tablet. The product is prepared, packaged and put into a locker at the nearest Valqari DronePort. The package is then remotely attached to the drone. The drone executes a Federal Aviation Administration (FAA) airspace check and, once approved, will fly to the other drone port. Once the drone arrives at the receiving port, the package moves to a secure locker. A Valqari app notifies the nurse of the delivery's arrival, verifies their identity, and opens the compartment for the nurse to pick up the package. "We are cutting out multiple steps, especially on delivery, and precious time in order to reduce treatment times by our patients," Dazzo said. The drone is automated, but a pilot is nearby to supervise its flight, as FAA regulations currently mandate that a drone must be within the eyesight of an operator. No patient information is visible to the flight team, and the drone is not equipped with a camera.

Hospital staff can order these deliveries on demand, unrestrained by courier schedules. Dazzo and Walsh both look toward a future when drone regulations allow the delivery of items throughout the Northwestern Medicine network, to patients' homes even in rural areas, or even provide blood to crash scenes. "Those are the things that start really improving people's lives," Walsh said.

Even now, though, the technology has evolved from what Dazzo called "a dream" to a practical application that helps patients, and fast. "I think staff has responded very positively," Dazzo said. "They're seeing this thing up in the air, and they're starting to see and read about it. I think people are amazed."





579 Chapter Gathering

October 24, 2024



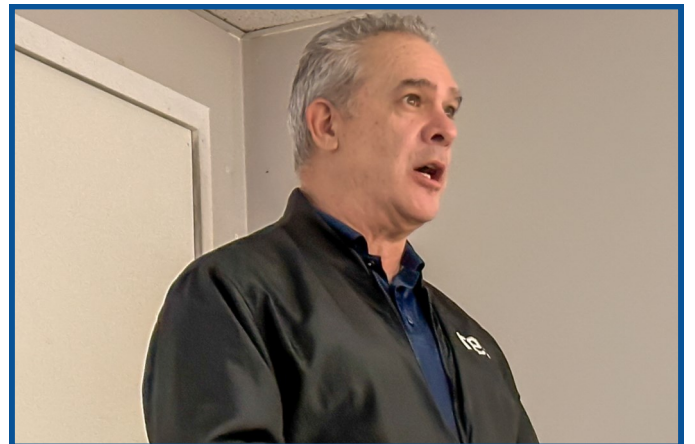
Revv Aviation has become a great partner to our Chapter, providing us with multiple meeting spaces and Young Eagle rally support.



Guy Lieser - VP of Business Development shared Revv's philosophy and growth history as well as his background in the USAF, with the FAA (Chicago Center) and CFI experience.



Scott Jones - Aurora Airport FBO Manager discussed all of Revv's offerings available at KARR. Scott's been a Commercial Pilot and CFI since 1990.



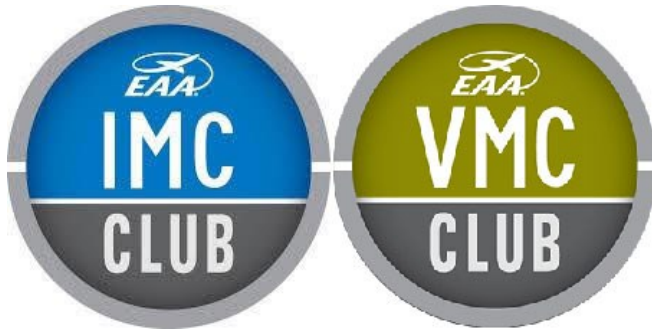
Greg Lausin - Vice President of Maintenance covered Revv's local and distributed maintenance operations. Greg has 33 years of military and civilian flight test experience.



Cameron Turner - Assistant Chief Flight Instructor described Revv's flight school operations. Cameron and Ethan from Revv have flown 48 Young Eagles for our Chapter this year!



Revv Aviation has 11 locations across 5 states with its corporate headquarters located at the Aurora Municipal Airport.



IMC / VMC Club Meeting

Mark you calendar for our next meeting:

November 14, 2024

6:30 pm at REVV Aviation Training Room
at the 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 (beaconslash@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	



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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:
Regular (Individual)	\$20	
Regular (Family)	\$35	
Youth (Under 18)	\$12	
Life	\$400	
<p>*Annual chapter dues are due on January 1st. New members joining after June 30th receive a 50% discount for first year dues</p>		