



April 2023







Chapter 579
Young Eagles Flown:
19,660



Follow us on
Facebook

Follow [EAA Chapter 579](https://www.facebook.com/EAAChapter579) on Facebook to get the latest updates on all of our events and activities.



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



This month's cover photo is Tad P., our third Ray Aviation Scholarship recipient to earn a pilot's license. Tad passed his check ride on April 28th earning his Private Pilot's License. Everyone in the Chapter is extremely proud of Tad's accomplishment. Tad has volunteered at numerous Chapter 579 Young Eagle Rallies assisting with ground activities and now we are looking forward to having him share his passion for aviation with the next generation of pilots who will follow in his footsteps. Page 4 includes a selection of photos highlighting Tad's journey. Congratulations Tad!!!

We are just three weeks away from our first Young Eagles Rally of 2023. This will be a landmark year for the Chapter as well as the EAA, as Chapter 579 will be the first Chapter worldwide to have flown 20,000 Young Eagles!

Preparations for this historic year kicked off in earnest this week at our April Chapter Gathering where we were joined by two of our friends from the Aurora Control Tower. We reviewed airport operations, Young Eagle flight routes, and additional opportunities for our pilots and controllers to work together to make our rallies run smoothly. We had a fantastic turnout for the evening and I am hopeful that everyone in attendance (and those who were unable to attend) will be able to join us on May 21st for our first rally of the year. A huge thank you to Dagoberto and Jason for spending their time with us. Page 5 includes a few photos from the evening.

I look forward to seeing everyone in May.

Blue Skies,

Mike



CHAPTER 579 2023 MONTHLY CHAPTER GATHERING SCHEDULE

January 26

February 23

March 23

April 27

May 25

June 22



Gone to Oshkosh

August 24

September 28

October 26

November 16

December 21*

(* Tentative)

AVIATION NEWS



EAA's Sport Pilot Academy returns in 2023



The Experimental Aircraft Association is bringing back its Sport Pilot Academy in 2023.

The all-inclusive and immersive program aims to help student pilots earn their sport pilot certificate in as little as three weeks, according to EAA officials.

The association will offer three sessions for the Sport Pilot Academy in 2023: June 1-22, Aug. 10-31, and Sept. 7-28.

The academy offers small-group and one-on-one instruction, a dedicated fleet of RV-12iST S-LSA training aircraft, on-site room and board on the EAA Aviation Center grounds, and more, according to EAA officials.

“Flight schools often have a very high dropout rate due to scheduling conflicts, aircraft availability, and other obstacles,” said Jeremy Desruisseaux, Director of Flight Proficiency Programs. “EAA Sport Pilot Academy offers student pilots a dedicated space to completely focus on getting the necessary training to earn their sport pilot certificate.”

Total training fee is \$9,999, which includes the use of school aircraft and equipment, fuel, flight instruction, lodging, meals, and other associated costs (i.e., examiner fees and museum admission). The only associated costs not included in the training fee is the FAA knowledge test fee, which is approximately \$175.

CHAPTER 579 - "Y20K" 2023 YOUNG EAGLE RALLY SCHEDULE



May 21
Jun 25
Aug 27
Sep 24
Oct 15



**ONLINE
REGISTRATION**

We will once again be using Online Registration for our Young Eagle Rallies. Registration will open up approximately ten days 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, nearly 2.3 million young people have enjoyed a free introductory flight through the Young Eagles program. ***This Year Chapter 579 will be the first EAA Chapter worldwide to reach the 20,000 flight milestone! Join us and become part of EAA aviation history!***

1 Young Eagles Flight

2 EAA Student Membership

3 Sporty's Learn to Fly Course

4 First Flight Lesson

5 Scholarships

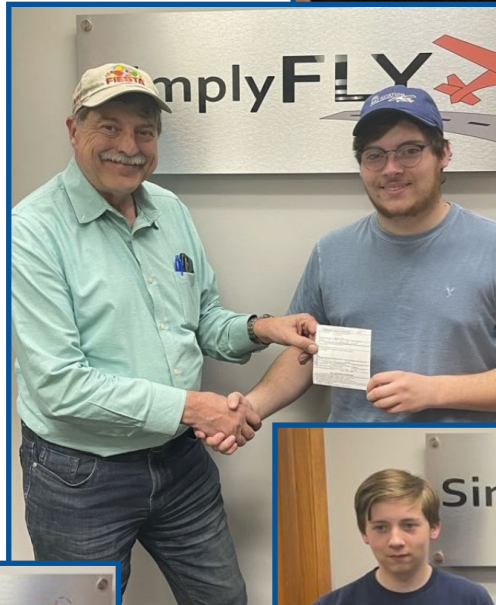
The EAA  Flight Plan
Your route from Young Eagle to licensed pilot.

Send your Young Eagles Questions to
mikebaer150@gmail.com

Member Moments and Milestones



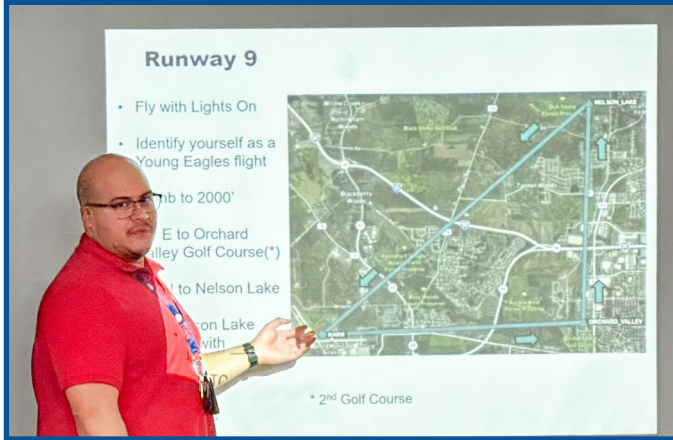
Tad P. Earns His Pilot's License





579 Chapter Gathering

April 27, 2023



Dagoberto (Operations Supervisor, Aurora Tower) walks through one of the 4 routes we will be using during this year's Young Eagle rallies.



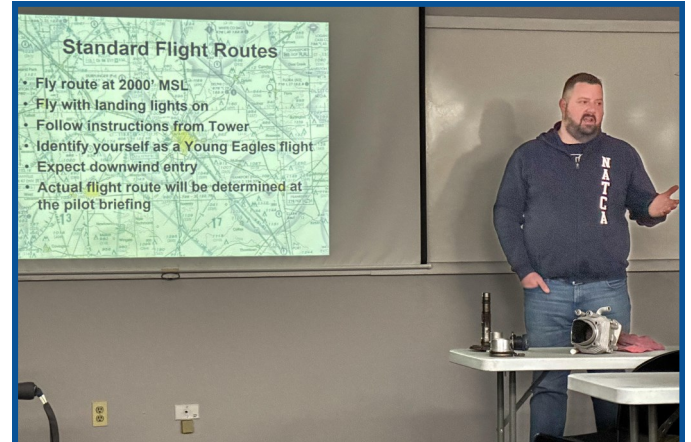
EAA Young Eagle Program

- 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.
- **19,773 Young Eagles Flown!!!**

Overview of the EAA's Young Eagle Program and Chapter 579's dedication to the mission.



ARR ATC's office with a view.



Jason (ARR ATCT Facrep, NATCA Local President) answering one of our many questions.



Dagoberto & Jason did an awesome job addressing all of our ATC related questions.



Walk through of our Young Eagles day schedule.



Know Your Chapter Members

Ed Ramos



Ed is Chapter 579's Secretary.

He is a regular volunteer at our Young Eagles rallies providing both training for new ramp personnel and running our ground school operations.

Ed recently earned his Ground Instructor certificate and provides ground school training at Citywings Flight School in Schaumburg.

This month we will get to know Ed a little better by asking him 10 questions:

1. Where were you born & raised
I was born in Puerto Rico, came to the states at 11 yrs old, and was raised in Aurora, IL.
2. What is your (non-aviation) background?
I am Maintenance and Robotics Supervisor.
3. What is one goal you have for this year?
I wanted to earn my Aviation Ground Instructor certification which I just completed about a week ago.
4. What would you do if you won the lottery?
A hanger and an airplane would be the first two items on the list.
5. What is your dream vacation spot?
The best vacation spot would have an airfield nearby, an ATV track, and a fishing spot for down time.
6. Do you have any hobbies (other than aviation)?
Motorcycling, ATVing, Dirt Biking, Playing Guitar, Camping, and Flight Simming.
7. How did you get interested in aviation?
Always loved aviation, since mid-twenties, never had the money to pursue it, about 7 years ago, I got a bonus at work, I set it aside to get my license.
8. What is your favorite aviation memory?
On a scheduled flight to breakfast, my passenger cancelled, I went alone, at one point in the return flight, I had a moment, I suddenly realized how great a privilege it is to fly.
9. If you could fly any aircraft what would it be?
One of my favorite planes to fly, would have to be a Lear Jet the 45, small and fast.
10. If you could have dinner with any aviator past or present who would it be?
Charles Lindbergh, I can't imagine flying alone for 3,600 miles, over 33 hours, from New York to Paris .





AURORA

MUNICIPAL AIRPORT
NEWS



ARR TOWER PILOT OUTREACH APRIL NEWSLETTER



Line Up and Wait Procedures

INCREASING SUMMER TRAFFIC WILL LEAD TO MORE LINE UP AND WAIT (LUAW) OPERATIONS.

WHEN LUAW IS USED THE AIRCRAFT BEING PUT IN POSITION WILL BE TOLD ABOUT THE NEXT ARRIVAL, IF THAT AIRCRAFT IS WITHIN 6 FLYING MILES. THAT ARRIVAL WILL ALSO BE TOLD ABOUT THE TRAFFIC IN POSITION ON THE RUNWAY.

ARR TOWER CANNOT ISSUE A LANDING CLEARANCE WHILE TRAFFIC IS IN LUAW. SO YOU MAY HEAR "RUNWAY XX CONTINUE" OR "TURN BASE" WITHOUT A LANDING CLEARANCE.

Overflights at 3000ft

ARR TOWER HAS AN AGREEMENT WITH CHICAGO APPROACH SO THEY CAN FLY THROUGH OUR CLASS DELTA AT 3000ft MSL WITHOUT COORDINATING WITH THE TOWER.

WE ARE CONSTANTLY SCANNING FOR CONFLICTS BUT IF YOU PLAN TO CLIMB TO 3000ft WHILE IN THE CLASS DELTA IT CAN BE VERY CONGESTED.

Short Delay on Runway

RECENTLY THE TOWER HAS NOTICED AN INCREASE IN SHORT DELAYS ON THE RUNWAY WITHOUT PRIOR COORDINATION.

A DELAY AS SHORT AS **5 SECONDS** WITHOUT PRIOR COORDINATION CAN CAUSE CONTROLLERS TO HAVE TO SEND AN AIRCRAFT AROUND.

IF YOU NEED TO DELAY ON THE RUNWAY FOR MORE THAN A 2-3 SECONDS, PLEASE ADVISE THE TOWER CONTROLLERS SO WE CAN PLAN AHEAD AND CREATE A SAFER AND MORE EFFICIENT AIRPORT.

Expectation Bias

REMEMBER TO FIGHT EXPECTATION BIAS WHILE FLYING.

ATC MAY INSTRUCT YOU TO TURN OFF AT A RUNWAY OR TAXIWAY THAT ISN'T THE FIRST YOU SEE – IF UNSURE, ASK.
ATC MAY GIVE YOU A TURN IN A DIRECTION YOU WEREN'T EXPECTING TO GO OR GIVE YOU A PATTERN ENTRY THAT DOESN'T GIVE YOU THE MOST DIRECT ROUTE TO THE AIRPORT.

ACTIVE LISTENING ON FREQUENCY IS IMPERATIVE TO FIGHTING EXPECTATION BIAS.

Contact Information and Tours

FOR QUESTIONS OR CONCERNS PLEASE CONTACT
KARRSAFETY@GMAIL.COM

ARR Has A New ASOS Phone Number

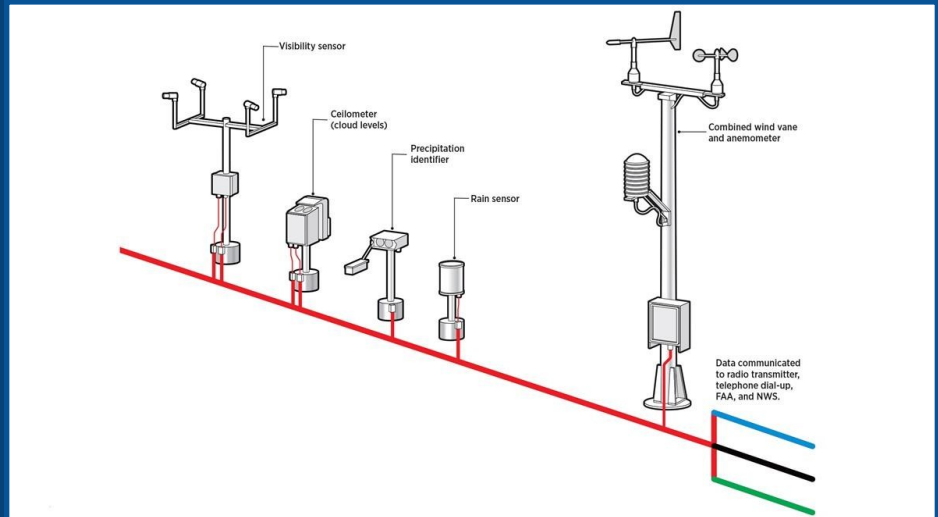


On April 18th, Aurora ATC updated their phone lines and changed the ASOS phone number to 630-466-5649

What is ASOS ?

Weather is the pilot's great unknown. It's constantly changing, and no two days are the same. Timely and accurate weather reports are critical to making good decisions that keep our flights safe. To help inform those decisions, the United States has a network of weather reporting stations, made up primarily of the automated weather observation system (AWOS) and automated surface observation system (ASOS).

Each system is a collection of sensors that report conditions to the FAA for dissemination, over a dedicated phone line, and to the control tower.



Although many pilots use the terms interchangeably, there are some differences between the two systems. AWOS is the older of the two, and it can be found only on an airport. ASOS is run as a cooperative among several government agencies, and stations can therefore be found off airports, which may help with route planning. Reporting intervals may be different as well, with AWOS reporting every minute, typically at a nontowered airport, and ASOS reporting only once an hour, to coincide with the tower's automated report. ASOS also reports total precipitation accumulation.

Most systems in use today offer temperature, dew point, cloud cover and altitude, visibility, wind speed and direction, any current precipitation, and location of lightning strikes. Some also have the ability to report icing and runway conditions.

Big Nights Planned for Theater in the Woods



EAA AirVenture Oshkosh will again bring aviation personalities and other notables in the world of flight to the Theater in the Woods stage in 2023, with a full week of evening programs starting July 23. This year's lineup ranges from the moon missions of Apollo and Artemis, flying performances in the movies, and the history of air racing. In addition, EAA's 70th anniversary year will be highlighted during a July 24 evening program. Theater in the Woods evening programs are supported by M&M's.

brought aviation legends, astronauts, entertainers, and many others to AirVenture audiences for more than 40 years," said Rick Larsen, EAA's vice president of communities and member programs, who coordinates AirVenture features and attractions. "This year's highlights reach across the spectrum of flight and will entertain and educate regardless of which evening's program people select to attend at this memorable venue."

"The evening programs at Theater in the Woods are one of those 'only-at-Oshkosh' traditions that have

Among the highlights set for this year:

- Sunday, July 23 – "An Evening with Champions," traditional AirVenture pre-opening program
- Monday, July 24 – EAA's 70th anniversary, plus "NASA – The Next Bold Step," looking at the Apollo and Artemis programs, from the first steps on the moon to the next steps on the moon
- Tuesday, July 25 – "Flying for Hollywood," featuring those involved in creating those dazzling sequences on the screen
- Wednesday, July 26 – "WomenVenture" night, focusing on 30 years of women flying U.S. combat missions
- Thursday, July 27 – "The Story of Devotion," with background of the Korean War heroism that inspired the hit feature film "Devotion"
- Friday, July 28 – "Vietnam Remembered: 50 Years Later," plus more on the mission, aircraft, and people of the U.S. Air Force Training Command
- Saturday, July 29 – A Tribute to Air Racing"

Theater in the Woods evening programs are included with all AirVenture admissions. Exact guest lists and more information will be released as it is finalized.





News From HQ

EAA Announces Inaugural Learn to Fly Week – May 15 to 20

Aspiring aviators will have the opportunity to discover multiple pathways to becoming a pilot as EAA presents its inaugural Learn to Fly Week on May 15-20.



Beginning May 15th, expert flight instructors and representatives from various aviation organizations will present free, interactive webinars. These webinars will cover topics from starting flight training, saving time and money in flight training, preparing for the FAA written exam, to passing the checkride, and so much more. While the live showing of these presentations will be open to the public, the recordings will be archived for EAA members to view at their convenience.

Learn to Fly Week will conclude on Saturday, May 20, with Flying Start events hosted at chapters across the country. EAA's Flying Start program allows EAA chapters to welcome, encourage, and educate new aviation enthusiasts about the fun, freedom, and accessibility of personal aviation in their local area. Following a short presentation about learning to fly, attendees will be offered a free introductory Eagle Flight to experience the spirit of aviation firsthand.

"Becoming a pilot is a dream for many, but few know where to start their journey. Learn to Fly Week was created to help encourage aspiring pilots to take action and begin the pilot training process," said David Leiting, EAA Eagles Program Manager. "Our goal is to show attendees how accessible achieving their dream actually is." Leiting also added that inspiration from this event stemmed from packed forums at the Learn to Fly Center at EAA AirVenture Oshkosh 2022, as well as the success of other EAA virtual events like Homebuilders Week and Virtual Ultralight Days.

Combining the educational forums from the Learn to Fly Center and the connections and inspiration found at Flying Start events, EAA Learn to Fly Week is the latest effort in the ongoing effort to help aspiring pilots achieve their dream of flight.

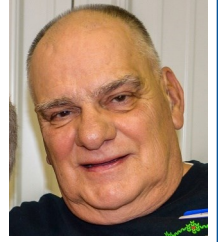
Sporty's Pilot Shop is the presenting sponsor of Learn to Fly Week. Sporty's will be participating in multiple webinars and offering product discounts during the week.

Full webinar schedule and more details on Learn to Fly Week can be found at EAA.org/LTFWeek.



Beat Billy

By: Bill Cameron



April Question:

Billy is taking you to a little different form of transport this month. While the machine you are seeing is propelled by a prop, it is most definitely not an aircraft. Be that as it may, your job this month is to tell me not just what type of machine it is, but what machine we are specifically looking at. As always, good naturedly, hope you lose!

Till next month. Stay safe.

Billy out.



By: Tim Green

Aviation Evolution: The Incredible Progress in Aircraft Engineering



To fly, a dream that has shaped the history of humanity. A story of crazy flyers, inventors, scientists perusing their dreams often risking their lives doing so. Discover the secrets of the illustrious engineers and wonder about the future of aviation. A scientific investigation into how in barely a century we have been able to fly further, faster, higher and conquer the sky's. This is how "AVIATION EVOLUTION: The Incredible Progress in Aircraft Engineering" begins.

The story starts with the assembly of an Airbus A380, then going back to 1864 German born Otto Lilienthal who cleared the way to a new science Aerodynamics. Then on to the history of flying, from gliders, to steam powered and all the way to Kitty Hawk and beyond.

Watch this incredible video here: <https://youtu.be/ExK799mWUd0>



VMC Club Meeting

Mark your calendar for

May 11, 2023

SimplyFly @ 6:30 pm

Our 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 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 VMC Club Questions to Chuck Newell at cmnewell@sbcglobal.net

The plan is to fly direct from Ogle County Airport (C55) in Oregon, Illinois, approximately 19 miles to Rockford Cottonwood Airport (1C8) at approximately 2,500 feet on a heading of 040.



Scenario

You often take that route to Cottonwood and come close to, but do not normally enter, the Class D airspace. However, much of the route is well within the RFD TRSA optional advisory area. If there is much traffic noted in the area, you would sometimes request traffic advisories as you approached the TRSA area, but mostly trusted the ADS-B traffic shown on your iPad screen.



Scenario



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

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



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!**



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:
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		