





**October 2023**




Chapter 579  
Young Eagles Flown:

# 20,065



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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](https://chapters.eaa.org/ea579)  
for Chapter information

**Baer → Mail**



Fall is upon us. I am always a little melancholy this time of year. While I love the cooler weather and the multitude of colors provided by the changing leaves, but Fall marks the end of our Young Eagles season and the start of our long 6 month hibernation. Despite missing two of our scheduled rallies this year due to strong winds, 2023 was a landmark year for our Chapter that will not soon be forgotten as we became the first EAA Chapter worldwide to fly 20,000 Young Eagles. We were recognized for this accomplishment by EAA HQ as well as a number of publications including FLYING magazine and General Aviation News.

On October 12th we held our October VMC Club Meeting where a number of Chapter members met to network and share aviation experiences. We reviewed and discussed a number of real-world scenarios and left with some new insights and skills. Our VMC meetings are typically held on the second Thursday of each month. We are currently in the process of restarting our IMC Club. Details will be shared as soon as they are finalized. You can find the details for our next VMC Club Meeting on page 11.

On October 26th we held our October Chapter Gathering. This month we had two wonderful presentations. The first was from Lukas Zuttermeister who shared photos and memories from his EAA Air Academy Camp experience. The second was Tim Green who covered the current state of MOSAIC, the FAA's "Modernization of Special Airworthiness Certificates" NPRM or Notice of proposed rulemaking. Photos from the evening appear on pages 4 and 5, and a brief summary of MOSAIC appears on page 6.

Please note that our November Chapter Gathering will be held on the 3rd Thursday (11/16) rather than our normal 4th Thursday of the month due to the Thanksgiving holiday. I'm looking forward to seeing everyone in November.

Blue Skies,  
  
Mike



**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**

## 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



### FAA extends MOSAIC comment period



The FAA has extended the comment period for its Notice of Proposed Rule Making (NPRM), “Modernization of Special Airworthiness Certification” — commonly known as MOSAIC — that was published July 24, 2023.

The product of a years-long effort to modernize aircraft certification, MOSAIC is an effort to overhaul the LSA rules established in 2004 and enable certification of new technologies that lead to safer and more capable aircraft, according to FAA officials.

The original comment period was supposed to close Oct. 23, 2023. It has now been extended to Jan. 22, 2024.

Eight aviation groups — the Aircraft Electronics Association, the Aeronautical Repair Station Association, Aviation Suppliers Association, Aviation Technician Education Council, Helicopter Association International, International Air Response, Modification and Replacement Parts Association, and the National Air Transportation Association — asked for the 90-day extension on Aug. 29, 2023.

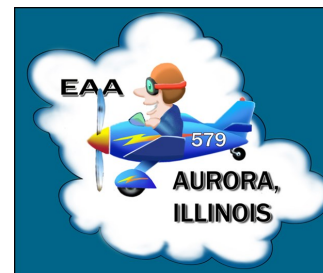
While most of the news regarding MOSAIC has concentrated on the changes to LSA, officials with these organizations note that “what has not been discussed is that the proposal amends nine separate regulations, including definitions, certification standards, maintenance standards, airman certification, operating rules, and the certification of commercial operators.”

# 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 approximately 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](mailto:mikebaer150@gmail.com)



# 579 Chapter Gathering

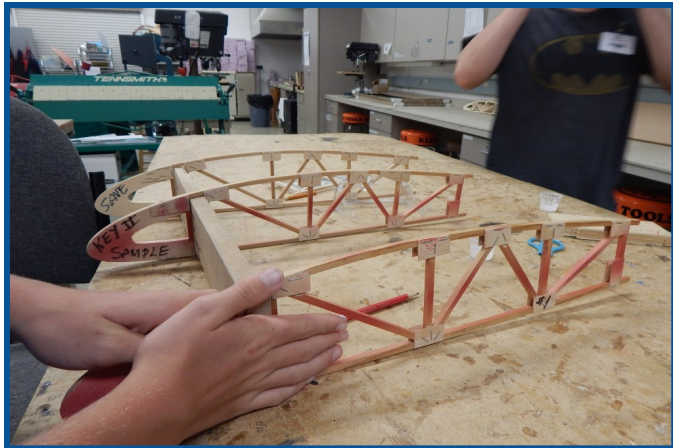
October 26, 2023



This month Lukas Zuttermeister described his EAA Air Academy experience.



Lukas in the 3D Printing Lab



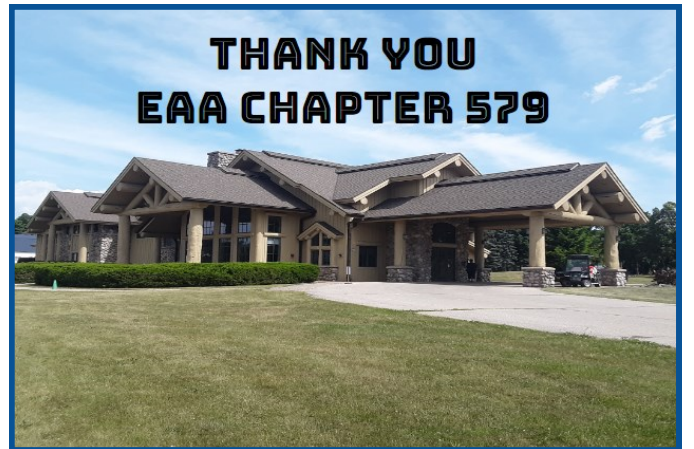
Lukas describes the rib making project.



Lukas discusses the navigation and 3D printing lessons.



Lukas kept the chapter engaged.

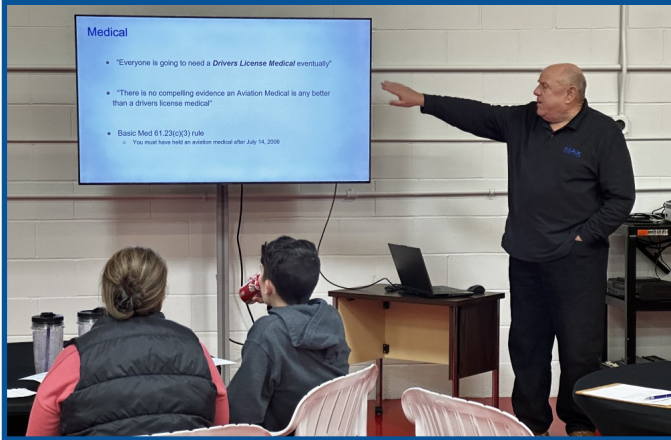


EAA Air Academy Lodge—Lukas' home away from home during the Academy.



# 579 Chapter Gathering

October 26, 2023



This month, Tim Green described the current state of MOSAIC, the FAA's "Modernization of Special Airworthiness Certificates" notice of proposed rulemaking.



Chapter members review and discuss the MOSAIC summary handout Tim shared (see following page).

## Five changes MOSAIC could bring to aviation

1. **The Sport Pilot will be the default certificate for flight training**
2. **Older 4-seaters will get fixed up**
3. **Existing LSAs will get a performance boost**
4. **New high-performance airplanes will arrive**
5. **Growth beyond piston airplanes**

Tim described the major changes MOSAIC could provide to general aviation.

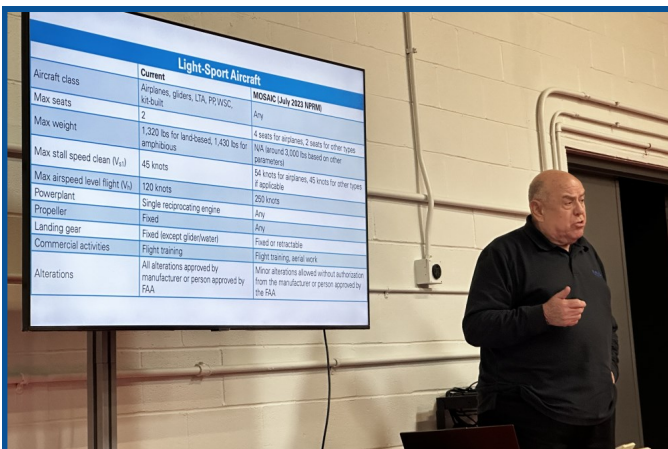
## mLSA Highlights



Christmas in July!

- Weight to  $\approx$  3,000 with 54-knot stall
- Four Seats
- Retractable Gear
- Adjustable Prop
- 250 Knot Max Speed
- Fully-Built Gyros
- Electric or Hybrid
- Multiple Engines
- Turbine
- Helicopters
- Aerial Work

MOSAIC will significantly expand Light Sport Aircraft privileges.



Tim compared Light Sport Aircraft limitations in place today against the expanded rights proposed under MOSAIC.

## MOSAIC resources

- Dan Johnson's Mosaic video presentation
  - <https://www.youtube.com/watch?v=fxu8aQhyMqQ&t=2371s>
- Roy Beisswenger's Mosaic Masterclass videos
  - <https://www.youtube.com/@EasyFlight/search?query=mosaic>
- FAA Mosaic NPRM (318 pages)
  - <https://public-inspection.federalregister.gov/2023-14425.pdf>
- FAA Comments extended to 1/22/24
  - <https://www.regulations.gov/commenton/FAA-2023-1377-0001>

Tim shared additional resources for those who would like a deeper dive into MOSAIC.



<b>Sport Pilot</b>		
	<b>Current</b>	<b>MOSAIC (July 2023 NPRM)</b>
Aircraft privileges	Airplanes, gliders, lighter-than-air (LTA), powered-parachutes (PP), weight-shift control (WSC), kit-built, gyroplanes	Airplanes, gliders, LTA, PP, WSC, gyroplanes Some helicopters and other types with simplified flight controls
Max seats	2 (2 occupants)	4 (2 occupants)
Weight	1,320 lbs (land)/1,430 lbs (sea)	N/A (around 3,000 lbs based on other parameters)
Max stall speed clean ( $V_{s1}$ )	45 knots	54 knots for airplanes, 45 knots for other types if applicable
Max airspeed level flight ( $V_h$ )	120 knots	250 knots
Powerplant	Single reciprocating engine	N/A (for airplanes, only single engine rating available)
Propeller	Fixed or ground-adjustable	Fixed, ground-adjustable, automated, or manually controllable-pitch with endorsement
Landing gear	Fixed (except glider/water)	Fixed, or retractable with endorsement
Pilot endorsements	N/A	Manually controllable-pitch prop, retractable gear, complex, night
Medical	State-issued driver's license, most recent medical not denied/suspended/revoked/SI withdrawn	State-issued driver's license, most recent medical not denied/suspended/revoked/SI withdrawn, current FAA medical certificate or BasicMed required for night only
Limitations	Day VFR at or below 10,000 MSL	Day or Night VFR at or below 10,000 MSL (night requires endorsement and a current FAA medical or BasicMed)

<b>Light-Sport Aircraft</b>		
	<b>Current</b>	<b>MOSAIC (July 2023 NPRM)</b>
Aircraft class	Airplanes, gliders, LTA, PP, WSC, kit-built	Any
Max seats	2	4 seats for airplanes, 2 seats for other types
Max weight	1,320 lbs for land-based, 1,430 lbs for amphibious	N/A (around 3,000 lbs based on other parameters)
Max stall speed clean ( $V_{s1}$ )	45 knots	54 knots for airplanes, 45 knots for other types if applicable
Max airspeed level flight ( $V_h$ )	120 knots	250 knots
Powerplant	Single reciprocating engine	Any
Propeller	Fixed	Any
Landing gear	Fixed (except glider/water)	Fixed or retractable
Commercial activities	Flight training	Flight training, aerial work
Alterations	All alterations approved by manufacturer or person approved by FAA	Minor alterations allowed without authorization from the manufacturer or person approved by the FAA

# 579 Member Moments & Milestones



## Tony Kennedy celebrates 25 years in General Aviation

*Shearwater, Nova Scotia "Power" 1999*

**Celebrating 25 Years General Aviation (GA) Pilot**

Sebastian, Canadian Test Pilot F-16 USA Exchange

AJ, Ice Pilots TV Show DC-3 Chief Pilot

Tony, Myself at 17

Dave, Canadian Airforce

Amanda, Finance Leader – Canadian North Airlines

Ian, Piper Crash 1982-2000 RIP

Deep, My Best Friend

**Aviation Hobby**

- Air Cadet 1994-2000
- TC Glider Pilot 1998
- TC Private Pilot 1999
- FAA Private & Glider 2020
- FAA Part 107 -2020


**Best Flight**

Taking my Family flying for the first time as a Dad

**First US Bound PIC Flight**

2002 – Toronto to Muskegon,

“You cannot master aviation, you are always learning”



**Volunteer Experience**

Glider Familiarization Pilot

Volunteer Canadian Air Search and Rescue -Spotter

EAA 579 – August 2020

## Dave (“X-Country”) Montgomery flew his trusty Cardinal to New Orleans



# AVIATION NEWS



## Michael Whitaker confirmed as FAA administrator



After nearly 19 months without a Senate-confirmed administrator, the FAA now has someone in charge.

On Oct. 24, 2023, the Senate voted 98-0 to approve Michael Whitaker, President Joe Biden's nominee to lead the FAA.

Whitaker will serve a five-year term ending in 2028, and will become the FAA's first permanent leader since Steve Dickson resigned in March 2022. Acting administrator Polly Trottenberg, who has been in the role since June, was prohibited from serving in the role past Oct. 25, 2023.

Whitaker — an attorney and private pilot — will be returning to lead the agency where he served as deputy FAA administrator from 2013-2016. Whitaker currently serves as chief operating officer at Supernal, the advanced air mobility subsidiary of Hyundai, a role he has held since 2020.

When he was at the FAA, Whitaker led the FAA's air traffic modernization efforts as the chief NextGen officer. Whitaker also was in charge of the agency's Unmanned Aircraft Systems (UAS) Integration Office, the first FAA organization dedicated to UAS operations in the National Airspace System (NAS).

In addition to his work at the FAA and Supernal, Whitaker served as assistant general counsel at TWA. He later led United Airlines as senior vice president of alliances, international, and regulatory affairs. Following that, he assumed a leadership role as group CEO at InterGlobe Enterprises, the holding company for IndiGo, India's largest airline.

Whitaker's confirmation was hailed by general aviation's alphabet groups:

"Congratulations to Mike Whitaker on his well-deserved confirmation as FAA administrator," said NBAA President and CEO Ed Bolen. "We look forward to working with Mike, whose expertise will help chart a clear path toward a successful future for the aviation community."

"I am really pleased the Senate took action to confirm Mike and look forward to working with him to help pilots and to move GA forward," said Aircraft Owners and Pilots Association (AOPA) President Mark Baker. "He's a capable leader, knows aviation, knows the agency, and he's a private pilot."

"This is a transformative time for aviation, and we welcome the experience and skills that FAA Administrator Whitaker will bring to the agency," added General Aviation Manufacturers Association (GAMA) President and CEO Pete Bunce. "We are confident that he will provide the FAA with the stability, leadership, and sound direction that the agency needs."





## Chicago Flight Instructors Association Meeting

The last meeting of 2023 will be held on November 13, 2023

### Meeting Location:

DuPage Flight Center  
DuPage County Airport  
2700 International Drive  
West Chicago, IL 60185  
(630) 208 - 5600

No Reservations are needed

All instructors, pilots, students and would-be students are welcome





# News From HQ

## Aviation Stakeholders' Response to EPA Endangerment Finding on Leaded Avgas



A coalition of aviation stakeholder organizations issued the following joint statement regarding the U.S. Environmental Protection Agency's (EPA) [endangerment finding](#) on lead in aviation gasoline (avgas) issued on October 18:



"We are working with the Administration toward the ultimate elimination of lead from avgas, and this finding mirrors and reinforces our shared goal of, and plan for, an unleaded fuel future. This finding is another step in the process, with rulemaking and other regulatory steps still to come, for developing and deploying viable unleaded avgas alternatives. We remain committed to removing lead from avgas by the end of 2030 or sooner, and are making considerable progress toward the introduction of market-viable high-octane unleaded replacement fuels that meet the safety performance needs of the entire U.S. fleet of piston aircraft."

"It is important that the flying community and the public understand that aviation safety depends on an orderly, nationally coordinated transition to unleaded avgas. The premature removal of an essential fuel that many aircraft require for safe operation, before a replacement is available, would compromise the safety, efficiency and economic viability of the U.S. airspace and airports, the general aviation industry and transportation infrastructure. "While the EPA finding is a key step in the process, the EPA is not given the authority to ban, regulate or limit aviation fuel. Instead, the EPA's finding triggers further deliberate rulemaking by FAA as the nation's aviation safety regulator to ensure the successful development and deployment of viable unleaded avgas alternatives, given the critical safety and other issues at stake."



The coalition of aviation stakeholder organizations include: EAA, American Association of Airport Executives (AAAE), Aircraft Owners and Pilots Association (AOPA), American Petroleum Institute (API), General Aviation Manufacturers Association (GAMA), Helicopter Association International (HAI), International Council of Air Shows (ICAS), National Air Transportation Association (NATA), National Association of State Aviation Officials (NASAO), and National Business Aviation Association (NBAA).



## VMC Club Meeting

Mark you calendar for

November 9, 2023

7:30 pm

This month we will be meeting at the EAA 461's Hangar at Bolingbrook's Clow Airport\*

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](mailto:cmnewell@sbcglobal.net)

### \*NOTE\*

**EAA Chapter 461's Hangar is on the North end of the field. Second Hangar South of the IAM Hangar.**

### 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	



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# 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		