





December 2024





Chapter 579
Young Eagles Flown:


20,371





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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, Scholarship Chair,
VMC Club Coordinator &
Young Eagles Coordinator:
Chuck Newell

Vice President:
Ed Ramos

Secretary:
Jenna Rosales

Treasurer:
Rick Schell

CHAPTER DIRECTORS

Mike Baer
Roberto Beltramelli
Eric Carson
Tim Green
Bob Langys
Mariano Rosales
Nathan Stonehocker

Baer → Mail



As my term as President comes to an end, I want to take a moment to express my heartfelt gratitude to each and every one of you. It has been an honor and a privilege to serve this incredible group of aviation enthusiasts for the past 9 years.

Together, we have made great strides in fostering a passion for flight, advancing the EAA's mission, and creating an environment where members of all backgrounds can connect, learn, and grow.

The support, dedication, and enthusiasm you've shown throughout my time in office has been truly inspiring.

I am deeply grateful for the opportunity to lead this organization. It has been a pleasure working alongside such talented, passionate individuals who share a common love for aviation. Whether we were meeting at Chapter Gatherings, connecting at fly-outs, sharing the magic of flight with the next generation at our Young Eagles rallies, getting together at Oshkosh or just shooting the breeze about airplanes, these moments will remain some of the most memorable of my life.

As I pass the torch to Chuck, I have every confidence that the Chapter will continue to thrive and soar to new heights. Thank you once again for your trust and support throughout my tenure.

Wishing you all blue skies.

Mike



CHAPTER 579 2025 CHAPTER GATHERING SCHEDULE

January 23
February 27
March 27
April 24
May 22
June 26



July 17*
August 28
September 25
October 23
November 20
Happy Holidays

* Oshkosh 7/21-7/27

CHAPTER 579 2025 YOUNG EAGLE RALLY SCHEDULE



May 18
Jun 22
Aug 24
Sep 28
Oct 26



CHAPTER 579 2025 IMC/VMC CLUB SCHEDULE

January 9
February 13
March 13
April 10
May 8
June 12



July 10
August 14
September 11
October 9
November 13
December 11



Your 2025 Membership Dues are due on January 1st.

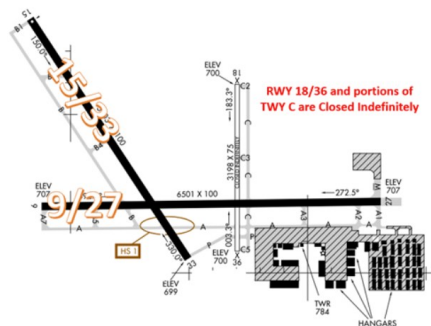
Please print and complete the Membership Application / Renewal form from the last page of this month's Propwash and mail it along with your check to our Chapter Treasurer at the address listed on the form. If you are planning to attend the January IMC/VMC club meeting and/or the January Chapter Gathering you can drop off your completed renewal form and check there. If you are unable to attend either of these events, please send your dues by mail.

Thanks 😊



Runway 18/36 at KARR to be decommissioned in 2025

At a recent meeting with the Aurora Air Traffic Controllers we learned that runway 18/36, closed for years, is finally scheduled to be decommissioned. The target date is November 2025. This comes as welcome news to every pilot who has spent time sitting on taxiway Alpha between runways 15 and 18 waiting for clearance to cross. While it is sad that we will officially be losing 18/36, the time savings will be a benefit for pilots and controllers alike.





FAA Recommends Adding AoA To All Airplanes



The FAA published a special airworthiness information bulletin (SAIB) recommending AoA systems be installed as standard equipment in new airplanes and retrofitted in the existing fleet. The full document is available at [here](#). "Outstanding step forward by the FAA, recognizing the importance of AoA systems in keeping the pilot better informed on where the wing is operating relative to the stall," said Paul Dye, a serial homebuilder and former NASA Flight Director who has been promoting the tech for years. "Increasing the use of AoA systems—and training pilots to use them —will never prevent all accidents. But it is a definite step in the direction of reducing the number of loss of control mishaps."

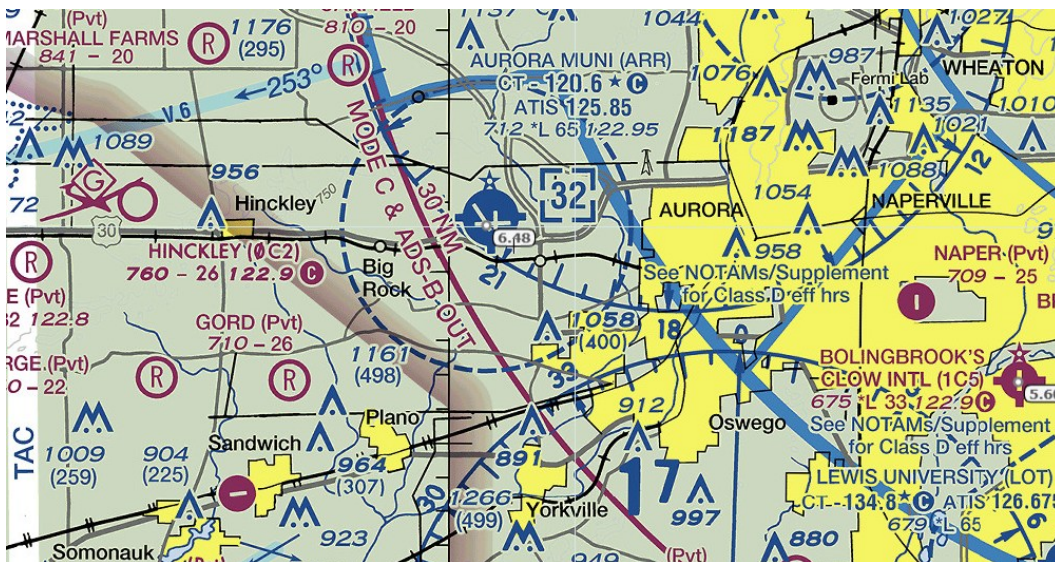
"AoA offers an extra level of awareness for pilots that they are operating near the stall. Airspeed is not a reliable indicator," Dye said. "The AoA for stall is always the same, whereas the airspeed for stall varies with G-load, so that the ASI is 'the gauge that lies' when the aircraft is in a turn or other maneuver where there is more than one 'G' of loading on the wing." The SAIB notes that flight deck displays of AoA indicators vary widely, making training a challenge. "This poses the question of whether AOA presentation in the flight deck should be standardized," the SAIB says. "Whether AOA displays should be standardized and to what standard remain open questions."

A great video on flying with an AOA system can be found [here](#).



Aviation Website of the Month

SkyVector



<https://skyvector.com/>

SkyVector is the premier provider of world-wide aeronautical charts, online mapping and related flight planning products and services.

SkyVector offers World VFR, Hi, Lo and Enroute charts, as well as all of the local charts including Chicago Area, Chicago Flyways, Chicago TAC and Chicago Helicopter Routes

Through its enhanced flight planning suite, SkyVector combines its unique aeronautical mapping capability with weather and data overlays, airport information, FBO listings, fuel prices and more.

SkyVector
Aeronautical Charts



WHAT'S NEW @ THE MUSEUM?



Turbulence, the Mike Patey-built and record-setting airplane officially became part of the EAA collection on December 13, when Mike and his team brought it to Oshkosh on a wind-chilled afternoon. They immediately began reassembling the airframe, which had to be cut in two to make the truck journey to Oshkosh.

“EAA is absolutely the best home for it because I’ve been coming to Oshkosh for 22 years straight,” Mike said. “I’ve brought several of my unique builds to EAA and I’ve got a couple of Lindy Awards from EAA. ... It’s the only home for *Turbulence*.”

The airplane, which began life as a Lancair Legacy before it was heavily modified, also grabbed people’s interest when it clocked 438.02 mph during the 2016 AirVenture Cup race. The airframe features two monolithic spars that extend from wingtip to wingtip, which supports the higher speeds and G-loading. Bolt on an 850-horsepower Pratt & Whitney turboprop engine and, well, you’ve got something that even has veteran air traffic controllers stumped at times.

“The climb rate is so steep that multiple times when I was in a new area, the air traffic controllers called out and said my transponder wasn’t working,” Mike said. “I called for an IFR clearance at 7,000 feet and they called back and said your transponder’s showing 16,000. I called back and said negative, [by that time] I was leveling at 17-five.”





Then there was the time *Turbulence* raced (and beat) a Premier jet flown by Mike's brother, Mark. And the times getting a "best rate climb" request and doing 7,000 feet per minute on rotation. And one ATC conversation coming out of Centennial Airport near Denver...

"I was asked to do max climb by ATC, so I just rotated and went for it," Mike said. "I was handed off to a controller who wasn't familiar with the airplane and he said, 'Can you deviate 10 [degrees] to the left because you're overtaking a Citation jet by 80 knots.'"

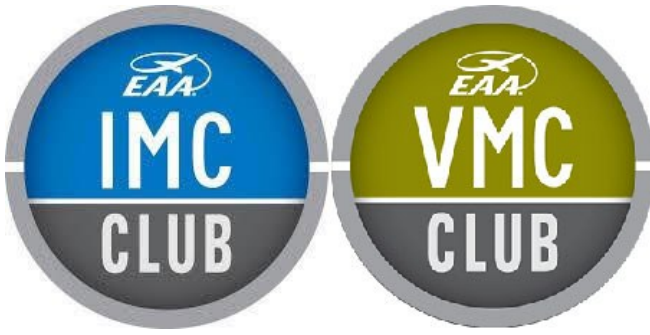
But *Turbulence* was at the point where it needed a new engine – another Mike Patey story in itself – and there were other airplane and helicopter projects in the works. Decisions had to be made as to what was next. So, after some thought, Mike decided it was time to retire *Turbulence* and move to the next projects – or as Mike always says in his videos, "Back to work!"

He's looking forward to seeing the airplane in the EAA Aviation Museum eventually, not only because of the warm fuzzy memories he'll get from it, but hopefully as an inspiration to other visitors.

"I hope that when they see this aircraft in the museum, they'll say you know what, that is not a standard plane and they can dream a little," Mike said. "If you want to try something, whether it's aviation or anything else, go for it! You can take a plane that does 220 miles an hour and end up at 440. It just takes a little work and the decision.

"And you know what? Sometimes it doesn't always work and that's okay. Go do it anyway."





IMC / VMC Club Meeting

Mark you calendar for our next meeting:

January 9, 2024

7:00 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	



Editor Needed!

This will be my last issue of Propwash. I have been editing the Chapter's newsletter since December 2019, and I feel it is time to pass the baton. So... we have an immediate opening for someone who is passionate about aviation and looking for a way to contribute to the Chapter.

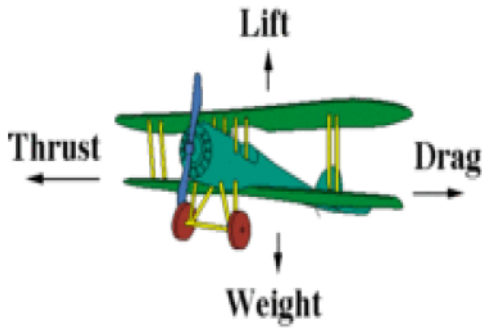
As Propwash editor, you will be responsible for compiling and editing content for our monthly newsletter. This includes gathering updates from Chapter events, reporting on member milestones, and sharing important EAA and aviation industry news. Propwash serves as a key communication tool for our members, and your efforts will play an essential role in keeping everyone up to date with Chapter activities and the latest aviation trends.

Experience with newsletter design or editing is not required. This is a fantastic opportunity to make a meaningful impact on the Chapter, expand your network, and contribute to the growth of our aviation community.

If you are interested in taking on this exciting challenge to help shape the future of Propwash, please let me or Chuck know.

Mike





The Chicago Area Chapter 99s

CHICAGO AVIATION EXPO

IFR/VFR Safety Seminar

Flying Companion Course

Aviation Vendors

Saturday, January 25, 2025 8a to 4

Renaissance Suites Chicago-Glenview Hotel 1400 Milwaukee Ave, Glenview, IL

IFR CLASSROOM

Weather Wisdom Aircraft Icing
 IFR Review Practices Procedures
 "y tho" Common ATC Practices
 All Things Aviation Medicine

Jerry Seckler
 Michael Baraz CFII
 Eddie Trujillo
 Gregory Ostrom, MD

VFR CLASSROOM

Weather Wisdom Aircraft Icing
 How to Make Exquisite Landings EVERY Time
 Now What PPL Accomplished, What's Next
 Aircraft Systems & Problem Solving Malfunctions
 Here Be Dragons!

Jerry Seckler (with IFR group)
 Mordecai Levin
 Marc Epner
 Joe Standley
 Eddie Trujillo

FLYING COMPANION CLASSROOM

Knowledge to Improve Your Comfort in the Cockpit

Program presented by Chicago Area Chapter 99s

Aerodynamics—What Makes it Fly??

Communication Basics

Navigation Process

Stay Calm and Carry On!

Classes presented by 99s Jen Markovska & Jamie Swanson

EXPO AREA VENDORS

Vendors available all day—Before and after, between classes, during lunch and breaks.

Rentals, training, art, books, jewelry, airports, education, supplies, simulator, weather equipment, and more.



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	
*Annual chapter dues are due on January 1st. New members joining after June 30th receive a 50% discount for remainder of their first year dues		