




May 2022





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

Check out our chapter website at
EAA579.org
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:
Pam Toleikis

Treasurer:
Dave Montgomery

CHAPTER DIRECTORS

Bill Cameron

Tim Green

Ed Ramos

Kathy Spano

Phil Toleikis

Baer → Mail



I am happy to report the return of Young Eagle season. We started the year off on May 22nd sharing the magic of flight with 107 very happy young aviators. I want to extend a huge thank you to the 23 Chapter volunteers (pilots and ground support), our friends in the Aurora Tower and the Aurora Airport for helping to make memories that will last a lifetime. Pages 4 and 5 include a small sample of the smiling faces we were treated to during the rally.

Last Thursday we held our May Chapter Gathering and we were joined by Alan Shackleton. Alan is a Regional Account Executive at Aircraft Spruce and Specialty. He served 25 years as President, Newsletter Editor and Technical Counselor for our Chapter. He served on the original EAA Strategic Planning Committee and was the first Chairman of the EAA Chapter Advisory Council. He previously served as the EAA's Board Secretary and currently serves on the EAA Board of Directors and is a member of the Museum and Pathways Committees. Alan restored a Staggerwing B17L s/n 3 that in 1983 won Reserve Grand Champion Antique at Oshkosh. Alan holds a Private Pilot Certificate and a Mechanics Certificate (A&P) and an Inspection Authorization (IA). Alan shared EAA HQ insights, his thoughts on hot topics in the aviation industry and a number of changes we will see at the EAA Museum when we visit during AirVenture. I have included a few shots from the May Gathering on Page 6.

Finally, I want to be sure that everyone is aware of the date change for our June Young Eagles rally. We were originally planning to hold it on Saturday, June 11th to commemorate International Young Eagles Day, but due to a number of scheduling conflicts with our volunteers we have switched the date back to our traditional 4th Sunday of the month. Please mark you calendars for June 26th and plan to join us for our next rally. We could always use your help.

Enjoy this month's Propwash and I hope to see you all soon.

Mike



CHAPTER 579

2022 YOUNG EAGLE RALLY SCHEDULE



May 22

Jun 26

Aug 21

Sep 18

Oct 16



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, almost 2.3 million young people have enjoyed a free introductory flight through the Young Eagles program. Join us in offering each child, tween and teen the opportunity to experience the Spirit of Aviation by becoming a Young Eagles volunteer today!

Send your Young Eagles Questions to

mikebaer150@gmail.com

CHAPTER 579 2022 MONTHLY CHAPTER GATHERING SCHEDULE

January 27

February 24

March 24

April 28

May 26

June 23



Gone to Oshkosh

August 25

September 22

October 27

November 17

December 15*

(* Tentative)



Federal Aviation Administration

Aviation Education Takes Off This Summer with ACE Academies

[Aviation Career Education \(ACE\) Academy Schools](#) are launching again this summer. The Federal Aviation Administration (FAA) cosponsors these unique summer education opportunities with the [Organization of Black Aviation Professionals \(OBAP\)](#) and many local, statewide and regional groups. Elementary, middle and high school students can engage in a wide range of aviation career exploration and Science, Technology, Engineering and Mathematics (STEM) experiences.

“The aerospace community wants the best, brightest, and most diverse group of people from all walks of life and programs like the ACE Academies play an important role in making that happen by connecting young people to potential careers in aviation,” said FAA Deputy Administrator A. Bradley Mims.

Kids can participate in the following activities and more:

- Lessons in flight planning, aviation history and the physics of flight
- Field trips to aviation-related sites
- Instruction on aircraft design and maintenance
- Flight simulations and, in some locations, flights in aircraft

Dates, locations, cost, and age requirements vary according to sponsoring organizations.

Learn more at https://www.faa.gov/education/ace_academy/state





579 Young Eagles Rally

May 22, 2022





579 Young Eagles Rally

May 22, 2022





579 Chapter Gathering

May 26, 2022



Former 579 President Alan Shackleton holds court



Alan with his award winning Staggerwing B17L restoration



Original EAA Chapter 579 Charter—April 8, 1977—45 Years of service!



Former Chapter President Dave Smith



6 Tony Kennedy sharing some Moments & Milestones

Member Moments and Milestones



C J Crawford's Collegiate Pursuits

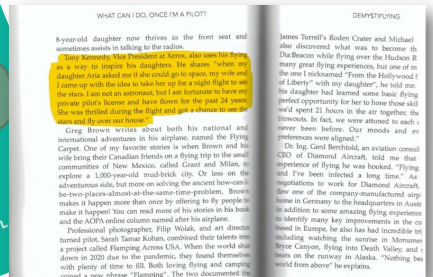
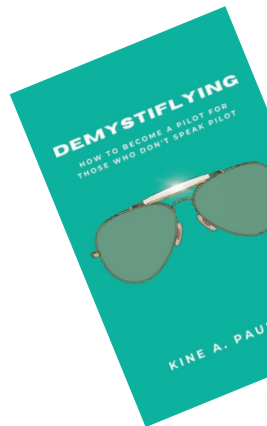
C J Crawford earned his Bachelor's degree in Aviation on May 13th

CJ is starting an undergrad certification through Penn State in the Fall for weather forecasting and then after that looking into graduate school.



Tony Kennedy gets published

Tony's story of taking his daughter Aria for a night flight into "space" has been included in a new book by Kine Paulsen titled *Demystifying* which covers what you need to do in order to become a pilot by going inside of the minds of more than 200 pilots.



Thank You Xerox & J.A. Air Center for your support of Chapter 579

Tony Kennedy (and the entire Chapter) extend a huge thank you to Xerox (Tony's employer) and J.A. Air Center for their generous and ongoing contributions to the Chapter's Young Eagles program.



If you have any Aviation moments or milestones you wish to share with the Chapter, please send them to mikebaer150@gmail.com

Military Aircraft Flocking to Oshkosh for EAA AirVenture Oshkosh 2022

A long list of current military aircraft are among the early commitments to EAA AirVenture Oshkosh 2022, including many arriving to celebrate the 75th anniversary of the U.S. Air Force this year. The 69th edition of EAA's fly-in convention is July 25-31 at Wittman Regional Airport in Oshkosh, Wisconsin.

"Displays and aerial performances of current military aircraft are always among the most popular parts of EAA AirVenture Oshkosh each year, for aviation enthusiasts and the public,"

said Rick Larsen, EAA's vice president of communities and member programs, who coordinates AirVenture features and attractions. "This is just the start, as we expect the list of military aircraft to grow as we approach AirVenture's opening day, especially in support of the Air Force's 75th anniversary in 2022."

The current military aircraft listed, from the U.S. Air Force and U.S. Army, are those on ground display, with some performing during the daily air shows as well. They include:

- C-5 Galaxy
- C-17 Globemaster III
- F-16 Fighting Falcon
- KC-46 Pegasus
- HH-60 Pavehawk
- AH-64 Apache
- UH-60 Blackhawk
- MH-47 Chinook
- AH-6 Little Bird
- T-38 Talon

Many more military aircraft, for both ground display and aerial demonstrations, are expected to be added to this list in the coming weeks, with announcements coming as confirmations are finalized.





The clock is ticking for general aviation

The biggest problem facing general aviation is the search for a drop-in replacement for 100LL. But time is running out to find a solution.

“The clock is ticking,” warned Jack Pelton, chairman of the Experimental Aircraft Association (EAA) during a panel discussion about unleaded fuel at the 2022 SUN 'n FUN Aerospace Expo.

In January 2022, EPA officials said they plan to issue a proposed endangerment finding for public review and comment sometime this year for piston-engine aircraft that run on leaded fuel, with a final endangerment finding in 2023.

General aviation is the last mode of transportation that still uses leaded fuel.

“There is no way that the EPA is going to reverse course,” Pelton said. “And there is no appetite in Congress to take on this issue. Our biggest supporter has already told us that he won’t fight for us.”

That ticking clock is one reason for the February 2022 launch of the EAGLE initiative — Eliminate Aviation Gasoline Lead Emissions. Tasked with getting the lead out by 2030, the initiative brings all parties together to find a drop-in solution, from aviation manufacturers to fuel refiners and distributors to airport officials, FAA officials, and more.

It will take input from all sectors to find a solution to “this complicated problem with so many intricacies,” Pelton noted.

EAGLE has four pillars — Business Infrastructure, Research and Development, Unleaded Fuel Testing and Qualification, and Regulatory and Policy — with the industry responsible for the first two pillars and the FAA responsible for the last two.

It builds off the Piston Aviation Fuels Initiative (PAFI), a decade-long federal program that was supposed to find an unleaded avgas. None of the fuels in the PAFI program were successful, but officials are now spinning the story, saying PAFI was successful because the FAA came up with a “robust testing program” for unleaded fuels.

“All fuels will have to be tested to satisfaction that they will work for the entire fleet,” said Pete Bunce, president and CEO of the General Aviation Manufacturers Association (GAMA).

GA leaders are confident a drop-in solution will be found through the EAGLE initiative and, frankly, hope that more than one fuel makes it through the process.

While general aviation won’t survive without fuel, it’s important for pilots and aircraft owners to realize that fuel refiners could easily survive without producing avgas, GA officials note.

“Worldwide, 180 million gallons of avgas are burned each year,” said Mark Baker, president and CEO of the Aircraft Owners and Pilots Association (AOPA). “That’s equal to between three and four hours of car gas.” Yes, the GA fuel market is that small.

“We’ve got to have fuel,” Pelton noted. “We’ve got to have a certification process. We’ve got to have production and a distribution system. We need all of those to line up or somebody is going to get left behind.”

*Source: *General Aviation News*



Ken's Aviation Museum of the Month

By: Ken Kwiatkowski



Denver, Colorado

Wings Over The Rockies is a first rate Air & Space museum located on the former Lowry Air Force Base in Denver. You'll know you're there when you see the massive GB-52B Stratofortress displayed in front of the museum's entrance. The museum preserves the history and artifacts of Lowry AFB from 1938-1994. The museum has a collection of more than 50 aircraft ranging from military to general aviation.



Among the most interesting aircraft on display besides the previously mentioned B-52, are the F-104 Starfighter, EA-6B Prowler, Douglas B-18 Bolo, Ball-Bartok Jet Wing, F-14 Tomcat, Convair F-102 Delta Dagger and a B-1 Lancer bomber. For all the Star Wars fans out there, on display is a 3/4 size replica X-Wing Starfighter! There are collections of engines and propellers, and a Cold War nuclear weapons display. There are several different flight simulators to enjoy. Wings Over The Rockies is also the home of the Colorado Aviation Hall of Fame.

The museum also devotes a large part of its displays to Space and Rocketry. A mockup of the Space Station Freedom command module is there to explore, along with a BP-1101 Boilerplate capsule, Titan Missile display, and also a moon rock. The museum is well known for its educational and research programs. You might also be able to catch a film presentation in the Harrison Ford Theater.



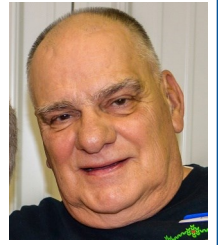
Also not to be missed are exhibits on the Colorado Air National Guard, Aviation Uniforms and The Civil Aviation Gallery

The museum will be opening a second location this summer at Centennial Airport in Arapahoe County.

The museum is open to the public 7 days a week

Beat Billy

By: Bill Cameron



April's Answer:

This lean, stark and admittedly rather ugly example of aeronautical engineering is the Consolidated "TRUSTY", better known as the PT-1.

The advent of the PT-1 in early 1925 is generally heralded as the passing of the venerable JN-4D "Jenny", the plane that had for many years been used by the Air Service as a training ship.

The PT-1 was used, exclusively, by the "Air Corps" as a primary-trainer to give their "Kadets" their initial baptism in the manly art of military flying.



The plane was powered by a Wright-Hisso (Hispano-Suiza) model E 180 h.p. engine. Everything was out in the open, easy to maintain and it took an extra amount of effort on the part of the flying fledglings in the cockpit to hurt one of these babies!

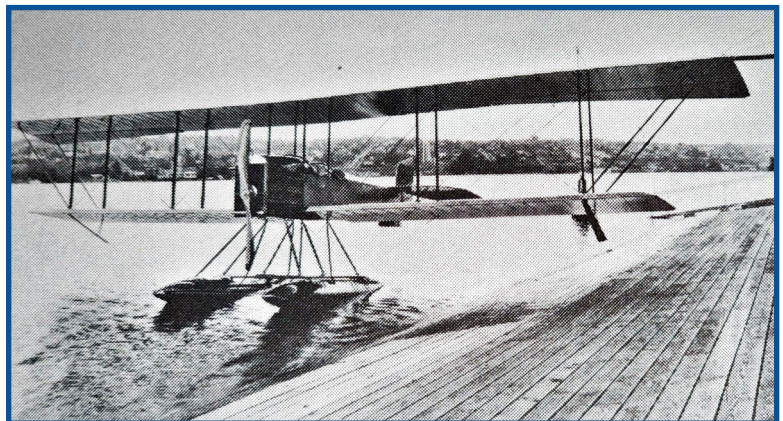
All told about 220 of the PT-1s were built for the Army. The Navy ordered a sizable number of NY-1 type for their Kaydets. The Navy version used a new air-cooled radial instead of the water cooled v-type the Army preferred.

May's Question:

Name this bird, who made it and where was this taken?

Till next month, have fun stay dry.

Billy, out.





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



Please join us at our next

VMC Club Meeting

Thursday, June 9th

7:30 pm @ SimplyFly

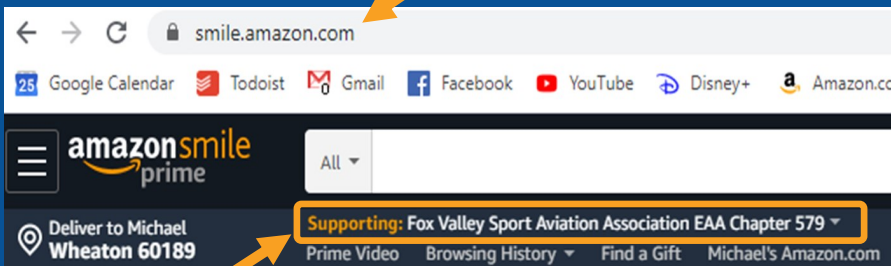


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CHAPTER INFORMATION

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

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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	



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		