



July/August 2021



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TIME FLIES WHEN YOU'RE HAVING FUN !!!

It has been a very busy two months since our last issue of Propwash. During our time away we've held two Young Eagle Rallies, Chapter Gatherings and VMC Club Meetings and let's not forget our return to the Happiest Place on Earth: **AirVenture Oshkosh!** (sorry Disney).

Over the past three months we have shared the magic of flight with over 260 kids and we will surpass 19,000 kids flown by our Chapter during our next rally. I have included a few photos of the smiling faces from our July and August rallies on page 6. A huge thank you goes out to all of our volunteers that make these events so successful. We have two rallies left during 2021 - September 19th and October 17th. If you are interested in volunteering we would love your help.

After a year off, AirVenture 2021 was certainly worth the wait. While there were a couple notable vendors missing (I'm talking to you AeroShell... #nopostersince2019), the numbers told the tale of an aviation community grateful for the return of their annual convention. I have included some of the key statistics from this year's event on page 10. For those of you who were there, those of you who were unable to make it and especially those of you who have never attended, do yourselves a favor and mark your calendars today for next year's AirVenture Oshkosh — July 25-31, 2022.

Stay safe and see you soon.

Mike



CHAPTER 579 2021 MONTHLY CHAPTER GATHERING SCHEDULE

January 28

February 25

March 25

April 22

May 27

June 24



Gone to Oshkosh

August 26

September 23

October 28

November 18

December 16



Federal Aviation Administration



The July/August 2021 issue of FAA Safety Briefing focuses on how the FAA seeks to advance aviation in an environmentally responsible and energy-efficient manner by considering noise, emissions, and other environmental issues. Articles also explore ways we can “fly green” through new technology and by following environmentally-sustainable practices.

This FAA publication can be downloaded using the following [link](https://www.faa.gov/news/safety_briefing/2021/media/JulAug2021.pdf):

https://www.faa.gov/news/safety_briefing/2021/media/JulAug2021.pdf



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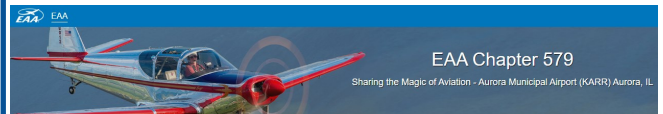
Be sure to follow [EAA Chapter 579](#) on Facebook to get the latest updates on all of our activities.



Chapter 579

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

Check out our chapter website at EAA579.org for detailed information about our Chapter



EAA Chapter 579 Home	Welcome to our chapter
About Us	Our Mission A community created to Share the Magic of Aviation through educational and social opportunities! We are Flyers, Builders, Teachers, and Nuts about Aviation!
Event Calendar	Our Vision EAA Chapter 579 encompasses all by providing many outlets in aviation at our local airport. We believe in sharing our passion for the air to all no matter where one is in their aviation journey. We focus on promoting aviation education by having subject dedicated speakers at our monthly meetings. Young Eagle Flights to share flight with local youth, and offer many other educational resources provided through the EAA network. EAA 579 believes in sharing flight through social fly-outs and many other social aviation related activities. As a chapter, EAA 579 strives to be a local home to aviation for all to enjoy the air.
Propose Newsletter	Advanced Air Academy Each year EAA Chapter 579 sponsors a girl or boy to spend a week attending EAA's Air Academy in Oshkosh, WI in the summer where they interact with others...
Member Aircraft	
Young Eagles	
Eagle Flights	
Ray Aviation Scholarship	
Technical Counselors	

Member Moments and Milestones



Nate Stonehocker was awarded the Harrison Ford Education Scholarship!

Congratulations! We are very pleased to inform you that you were selected to receive a **\$7,500 flight training scholarship**. This award has been made possible through the support of the following fund(s): *Harrison Ford Education Scholarship*

The Experimental Aircraft Association, Inc. Scholarship Selection Committee had the very difficult task of reviewing many impressive applicants. You were selected to receive this scholarship because of your past accomplishments, present endeavors, and future potential as viewed by the Selection Committee.



Todd Ashcraft is in the Pitts.



I picked up a new toy. It's a Pitts!

Bought from Dave Scott in Wisconsin, who flew shows in it.

200hp angle valve IO-360, Catto 3-blade fixed pitch prop, Sparcraft wings, Scheunemann 40% hinged ailerons, bigger tail.

I am currently replacing the seat belts and polishing out the leftover shadows of the vinyl graphics. Soon I extend the canopy slides, replace the comms, lighten up the instrument panel, battery, wheels & brakes, etc.

Lightest stick forces of anything I have flown so far.

I've wanted a Pitts since I was a kid.

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

Ken's Aviation Museum of the Month

By: Ken Kwiatkowski



Located on the campus off the Kalamazoo/Battle Creek Airport, the Kalamazoo Air Zoo is one of the premier aerospace & science museums in the US. Founded in the late 1970's by former WASP pilot, Sue Parrish the museum was home to numerous flyable aircraft with a special emphasis on the Grumman "Cats" and Naval Aviation in WW2 and afterwards. In 2004 a massive expansion was undertaken that included a state of the art building for displays and other permanent exhibits.

The new "Flight Innovation Center" houses an SR-71 Blackbird, F14 Tomcat, B25 Mitchell, P-39 Aracobra, and Ford Tri-Motor among many others all within steps of each other, There is a separate wing that now houses the WW2 and Naval Aviation aircraft. There are many excellent exhibits that include Women In Aviation, Bessie Coleman, and Guadalcanal. Another wing is devoted to space exploration and has a Saturn rocket booster along with a large amount of interactive exhibits . There is also a history of the scientists that developed rocketry.

Also in the same building are a variety of activities ranging from aviation themed amusement park style rides for small children, to a series of HD full motion F-16 simulators. There is also a small theater that takes you through a full motion B-17 bombing raid.

The original museum space, now known as the East Campus, still hold a number of aircraft, engines and cockpits. Much of the building is now part of the restoration center. Currently in progress are a FM-2 Wildcat and SBD-2P Dauntless, both of which were rescued from the bottom of Lake Michigan. Last year the Air Force donated an F-117 Nighthawk to the museum, and that is currently being worked on in preparation for display.

The museum operates Monday - Saturday 9am-5pm and Sunday Noon-5pm



CHAPTER 579 YOUNG EAGLE RALLY UPDATE

2021 Rally Schedule
~~Jun 27~~ / ~~Jul 18~~ / ~~Aug 15~~ / **Sep 19** / **Oct 17**



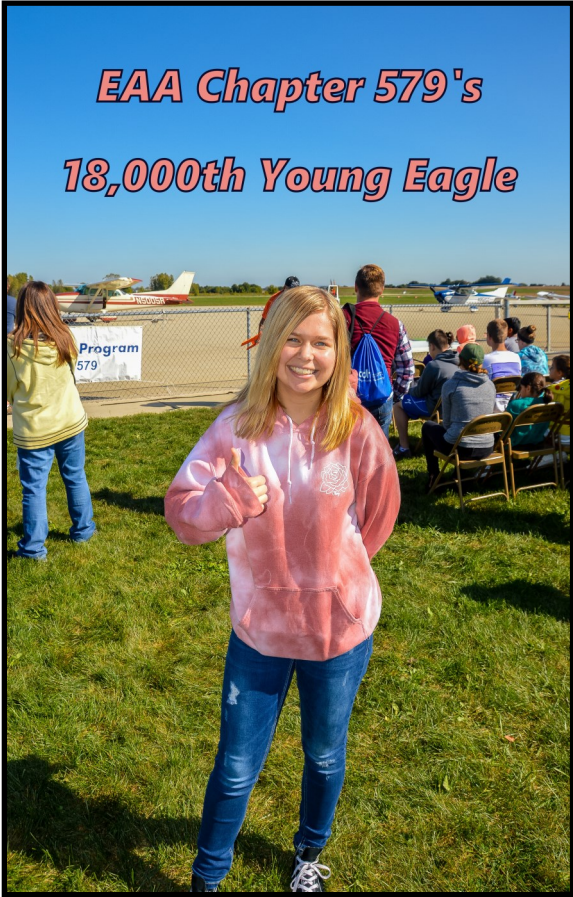
**ONLINE
REGISTRATION**

Online Registration for our September 19th Young Eagles Rally will begin on September 5th Watch our Facebook page for details!

We have implemented a number of COVID-19 safety precautions for our Young Eagle Rallies including:

- Online registrations
- All Young Eagles wearing masks while inside the aircraft regardless of vaccine status
- Hand sanitizer before entering the aircraft
- Temperature check prior to flight

Our next Young Eagles rally is scheduled for September 19th and we will continue to monitor CDC Guidelines as well as State and Local Health Authorities to determine reasonable COVID-19 safety precautions. Our guidelines will be included in the online registration form.



Launched in 1992, the Young Eagles program has dedicated almost 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, more than 2.2 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!



Young Eagle Questions?
Ask our Young Eagle Coordinator Sebastian Saavedra
youngeagles579@gmail.com

Memories From The July & August Young Eagles Rallies



To see all of the photos from our July and August Rallies please go to the Photos tab on **EAA Chapter 579's** Facebook Page.

Carver Aero acquires Lumanair and ATS

After more than 60 years in aviation, Bob and Mike Luman have accepted an acquisition offer for Lumanair Aviation Services by Carver Aero, an Iowa-based company. In addition to Lumanair, Carver Aero acquired ATS Illinois, an aircraft maintenance and servicing company that has operated at the Aurora Municipal Airport since 1992.

“It’s been a wonderful ride,” said Mike Luman. “Our dad started the business in 1960 at the former Aurora Airways Airport, south of Interstate 88 and west of Lake Street. We’ve had several offers over the years, but we were waiting for the right people and the right company to come along that would continue the legacy of our family. Carver Aero is that company.”



Carver Aero has fixed-base operations in Muscatine, Davenport, Council Bluffs, in Iowa, in Janesville, Wis., and now in Aurora. Carver Aero provides corporate and general aviation services, including charter flights, corporate pilot services, airplane maintenance, turbine, and jet engine maintenance and repairs, avionics, flight training, fuel services, and aircraft storage.

“As a new tenant of the airport, we are honored by the welcome and trust we received from the city and existing businesses at the airfield,” said Peter Limberger, Co-founder and Chairman of CL Enterprises, the parent company of Carver Aero. “We will earn this trust, become good neighbors and contribute with our planned investments to the economic development of the airport and the City of Aurora.”



Carver Aero plans to engage high schools and colleges in the Aurora area to develop training programs for students interested in the aviation field.

Mayor Richard C. Irvin of Aurora was host to an open house and ribbon-cutting ceremony at the Aurora Municipal Airport to celebrate the successful acquisition of the airport’s longtime fixed-base operator.

AVIATION NEWS



Midwest LSA Expo prepares for takeoff

The [Midwest LSA Expo](#) takes off Sept. 9-11, 2021, at Mt. Vernon Outland Airport ([KMVN](#)) in Illinois.

The free event features Light-Sport Aircraft (LSA), including Part 103, STOL (Short Take off and Land), and gyroplanes on one flight line. Unlike some of the bigger shows, demo flying is a lot easier at this show, organizers note.

The Expo also will feature many informative aviation seminars and forums presented by experts in the industry, including:



- FAA Update 2021: More Big Changes, Dan Johnson, President, Light Aircraft Manufacturers Association and *General Aviation News* columnist
- Flying with Rotax Engines: Brett Lawton, Leading Edge Airfoils
- Garmin Avionics for Experimentals and LSA: Brad Brensing, Garmin International
- How to Certify Your Aircraft: Paul Mather, FAA DAR, M Squared Aircraft
- Building Your Own LSA from a Kit: Sebastien Heintz, Zenith Aircraft
- Mixing it up in the Traffic Pattern: Colonel Bob McDaniel, C-141 Pilot, USAF Ret.
- VFR Airspace Review: Lt. Colonel Steve Willis, F-16/F-4/T-38 Pilot USAF Ret.
- Fuelish Thinking: Steve Goetz, FAA Designated Pilot Examiner





For one week each year we have an opportunity to completely immerse ourselves in Aviation. For an aviation enthusiast there is no better place to be than AirVenture Oshkosh. The images below show the smiling faces of Chapter members who made the pilgrimage to Oshkosh this year. If you didn't make it this year, do yourselves a favor and mark your calendars for next year's AirVenture Oshkosh — July 25-31, 2022.



For a great photo recap of the week, please go to the [EAA AirVenture Oshkosh 2021 flickr album](https://www.flickr.com/photos/eaairventureoshkosh/albums/72157719594588542) at this link:
<https://www.flickr.com/photos/eaairventureoshkosh/albums/72157719594588542>



EAA AirVenture Oshkosh 2021: Facts and Figures

Attendance: Approximately 608,000 – Only the third time attendance has surpassed 600,000 and within 5 percent of 2019's record total.

Total aircraft: More than 10,000 aircraft arrived at Wittman Regional Airport in Oshkosh and other airports in east-central Wisconsin. At Wittman alone, there were 16,378 aircraft operations in the 10-day period from July 22-31, which is an average of approximately 116 takeoffs/landings per hour when the airport is open.

Total showplanes: 3,176 included: A record 1,420 vintage aircraft registered, plus 1,089 homebuilt aircraft, 354 warbirds, 148 aerobatic aircraft, 112 seaplanes, 33 ultralights, and 27 rotorcraft.

Camping: More than 12,000 sites in aircraft and drive-in camping accounted for an estimated 40,000 visitors.

Volunteers: More than 5,000 contributing in excess of 250,000 hours.

Commercial exhibitors: 747.

Forums, Workshops, and Presentations: A total of 1,055 sessions hosted throughout the week.

International guests: Despite travel restrictions that greatly limited the number of attendees from other nations, EAA still welcomed visitors from 66 countries during the week.

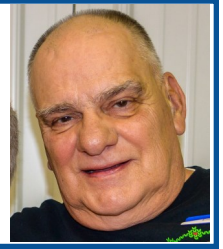
The Gathering shines: The EAA Aviation Foundation's annual event to support its aviation education programs attracted more than 500 people and raised more than \$1.7 million dollars that will be focused on EAA's mission of growing participation in aviation.

Media: 567 media representatives on-site, from four continents.



Beat Billy

By: Bill Cameron



June Answers:

In June I asked you to explain

What is this interesting bit of aviation's past and what might it's relationship be to something you might be doing on any evening to relax and unwind from a hard day's labor?



What you are looking at is Planet Aircraft Limited's first and only foray into aircraft manufacture, The 'SATELLITE', commonly referred as the 'Planet Satellite'. The plane was designed by John Nelson Dundas Heenan. Heenan worked for the British Air Ministry during World War II and was one of those who foresaw a post war boom in civil aviation. Heenan decided the 4 to 5 person plane should be built using a magnesium alloy with zirconium. Due to a lack of experience working with this type of metal Heenan's company HW&S approached Magnesium Electron LTD to build the aircraft. Magnesium Electron was owned by Distillers Company LTD and they formed a partnership with Heenan's company to create Planet Aircraft LTD to construct and produce a new aircraft they named 'Satellite'. Distillers Company LTD was founded in 1877 and produced Scotch whiskey and was acquired by Guinness in 1986 forming United Distillers in 1987.

After a gear collapse during taxi tests was fixed, cracks were discovered in the planes magnesium keel after a 20 foot high test flight. Distillers Company had already sunk over 100,000 pounds in the project and withdrew further funding when it was discovered that another 40,000 pounds plus was needed to resolve the Satellite's deficiencies. The plane was moved to Redhill Aerodrome, near London, where it slowly deteriorated until 1958, when it was finally scrapped. Most likely by coincidence, the basic layout of the Planet Satellite was resurrected in the late 1970's as the Lear Fan 2100, Bill Lear's Last design before his death in 1978.

Hope you enjoyed this months trip down aviation's history byway, now you can sit back and relax with a bit of good single malt or a cold glass of Guinness!

We Have A Winner!!!

Bill Frymark identified last month's photo as:

"It is a Planet Satellite. Planet Aircraft was owned by a company that made liquor."

Congratulations Bill!





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!

For Sale by Members

Flying DR-107 For Sale by Todd Ashcraft

I need room. Selling my flying DR-107, which has...

200 HP Lycoming IO-360-A1A
Twisted Composites propeller (currently being built for me, flying with a loaner)
GRT EIS
Locking tailwheel
Slider canopy
Hooker Aerobatic 7-point harness with ratchet
ADS-B-Out and Trig Transponder
Extra baggage compartment below Turtledeck
Carbon Fiber wing root fairings
Wheel pants ready for installation
Polyfiber with Polytone paint on tail feathers
Fuselage aluminum
Fiberglass modified Rourke Cowl
Remote fire bottle
Aerovoltz LiFe battery
New Van's spinner
Dual 2-1 exhaust

Roughly 150SMOH, 150TTAF. (Need to check logs and verify those numbers). Gets 188mph flat out, routinely pushes 200mph on the downlines, lands easy. Faster than 360deg/s roll rate, easily +/-10G airplane. Competitive through Advanced, maybe Unlimited with the right pilot.

These things start about \$50K on Barnstormers. Serious offers welcome. Would be interested in renting it back from you (too fun to let it go completely).

If interested, please contact Todd @ akrotodd@yahoo.com



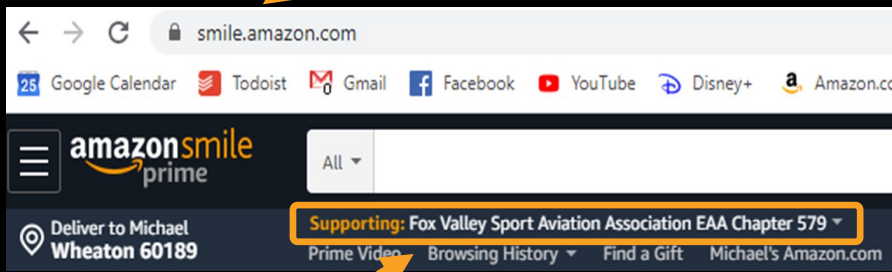


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All you need to do to support our chapter is start your Amazon shopping at smile.amazon.com. The donation will be made automatically and at no extra cost to you!

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There is no mark-up on any item you purchase, and the Chapter will earn .5% on all of your purchases.

It couldn't be easier!

Thank You for your Support !!



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 Chapter's headquarters at SimplyFly 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	



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		