



March 2022



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Baer → Mail



Last Thursday we held our March Chapter Gathering. We had a great turnout with over 25 chapter members in attendance. Our featured speaker was Dave Montgomery who shared the strategy and tactics he used to plan and execute a successful flight from Aurora to the Bahamas (and back) in his Cessna Cardinal. Dave's tales were both entertaining and informative and everyone walked away with a better understanding of what it takes to plan and complete a serious cross-country flight. If you were unable to join us I have included a few shots from the evening on Page 4.

We also had a presentation by Mark Hislop who shared some pictures and stories from his visits to Wendover Airport, formerly Wendover Air Force Base on the far Western edge of Utah. During World War II, Wendover was a training base for B-17 and B-24 bomber crews. It was the training site of the 509th Composite Group, the B-29 unit that carried out the atomic bombings of Hiroshima and Nagasaki. I have included a few shots from Mark's presentation on Page 5.

Our Young Eagle schedule has been finalized and it appears on Page 3. Please be sure to mark your calendars and join the fun. We will host 5 rallies this year from May to October taking July off for AirVenture. Please note that our June rally will be held on a Saturday to align with International Young Eagles Day.

Stay safe and enjoy this month's issue.

Mike



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

Hot Spot Standardized Symbology

The FAA is standardizing hot spot symbology and verbiage. Hot spots are generally a complex or confusing taxiway or taxiway and runway intersection. Hot spots have a history or potential risk of collision or runway incursion, and require heightened attention by pilots and drivers.

Currently, there is no standard shape to designate a hot spot on airport diagrams within chart supplements and the Terminal Procedures Publication; they are charted with a variety of squares, rectangles, circles, ovals, and ellipses with no pattern or consistency. Beginning May 19, 2022, the FAA will standardize these symbols to three shapes with two distinct meanings: a circle or ellipse for ground movement hot spots and a cylinder for wrong surface hot spots.

Ground movement hot spots are defined as airport movement areas with a history or potential risk of collision or runway incursion, and where heightened attention by pilots, drivers and controllers is necessary. A circle or ellipse will depict these hot spots, which include issues such as:

- hold short line infractions
- approach hold issues
- complex taxiway configurations
- movement-non movement boundary area issues
- tower line of sight problems
- marking and signage issues.

Wrong surface hot spots depict locations where an aircraft has inadvertently attempted to or actually departed or landed on the wrong surface. A cylinder will depict these hot spots.

You will begin to see airport diagrams with this new concept of standardized hot spot symbology in the May 19, 2022 charting cycle.



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

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

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!

Member Areas
 Young Eagles
 Eagle Flight
 Roy Aviation Scholarship
 Technical Courses

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 on their aviation journey. We focus on promoting aviation education by having subject dedicated speakers at our monthly meetings, Young Eagle Flight to share flight with local youth, and other 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.

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.

CHAPTER 579

2022 YOUNG EAGLE RALLY SCHEDULE



Sunday - May 22
 Saturday - Jun 11
 Sunday - Aug 21
 Sunday - Sep 18
 Sunday - Oct 16



**ONLINE
 REGISTRATION**

We will once again be using Online Registration for our Young Eagle Rallies and hope to have the ability to capture electronic signatures eliminating the need for paper forms! Watch our Facebook page for details!



**EAA Chapter 579's
 18,000th Young Eagle**



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!

Send your Young Eagle Questions to

EAAChapter579@gmail.com

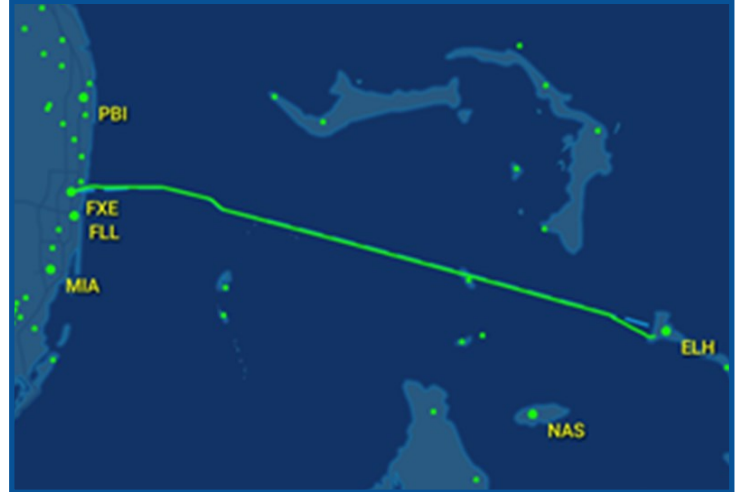


579 Chapter Gathering

March 24, 2022



Dave Montgomery shares the logistical challenges of planning a flight to the Bahamas.



Dave's route took him from Aurora to Fort Lauderdale Executive (FXE) on to the Berry Islands to North Eleuthera (ELH) and ultimately to San Salvador.



Feet Wet! Departing Fort Lauderdale.



Enroute to North Eleuthera.



A slice of paradise — The Bohemian, San Salvador.



The idea of a flight to the Bahamas was born in a bar in Key West.



579 Chapter Gathering

March 24, 2022 ~ Part II



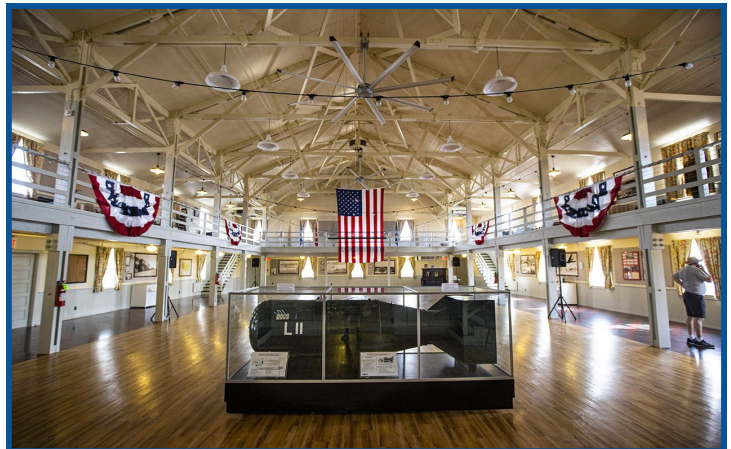
Mark Hislop describes his visits to the historical Wendover Air Force Base.



World War II housing units at Wendover.



Enola Gay hangar.



"Little Boy" - replica of the atomic bomb dropped on Hiroshima on August 6, 1945.



Original Control Tower.



5 Chapter Members.

Member Moments and Milestones



Tony Kennedy takes Aria to Space



The sky is not the limit!

Happy International Women's Day

As a proud father of two girls, I know they can do anything in this world and make positive changes.

Last week my daughter Aria asked me if she could go to space. My wife and I came up with the idea to take her up for a night flight to see the stars. I am not an astronaut, but I am fortunate to have my private pilot's license and have flown for the past 24 years. She was thrilled during the flight and got a chance to see the stars and fly over our house.

Women like Colonel (Ret) Nicole Malachowski, the first female pilot to fly for USAF demonstration Squadron the Thunderbirds, and Dr. Roberta Bondar, the first Canadian female astronaut to venture into space, paved the way for the future of women in aerospace.

Now that I have taken Aria to "space," I will be there for the next challenge she gives me.

Ed Ramos pursuing his Basic Ground Instructors Certificate (BGI)

I am pursuing an FAA Basic Ground Instructors Certificate, (BGI)

To acquire a Ground Instructors rating or certificate, for starters, a student must have some kind of teaching degree or certification.

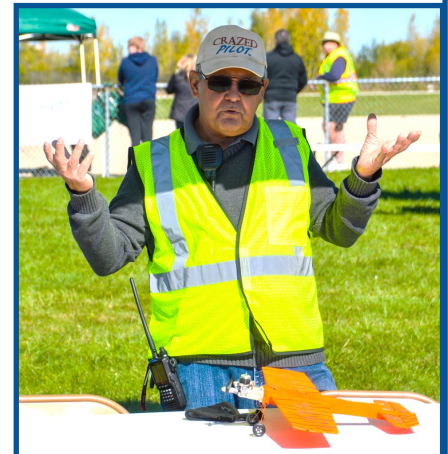
So I am currently taking the FAA course in the Fundamentals Of Instruction (FOI), I have been studying hard and I am ready to take the test; I have it scheduled at a testing facility for this coming Saturday.

After that, I begin the second phase of the Basic Ground Instructors certificate or rating, by learning all the rules of flying all over again, and passing yet another FAA knowledge test.

Finally, I will go to the local FSDO and I will be awarded my Basic Ground Instructors certificate, completion target is July...

With a Basic Ground Certificate, I will be able to officially teach ground school and sign off on a student's logbook.

After that, who knows.....?



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



News From HQ

Tickets Now on Sale for EAA AirVenture Oshkosh 2022



Weekly and daily admission tickets for the 69th edition of EAA AirVenture Oshkosh, EAA's annual fly-in convention, are now available online for the event at Wittman Regional Airport in Oshkosh, Wisconsin, on July 25-31, 2022. Additional special offers and advance purchase parking passes will be available in the coming weeks.

EAA AirVenture Oshkosh is the world's largest fly-in event, welcoming more than 10,000 aircraft each year, along with an attendance of more than 600,000. The seven-day gathering features the latest innovations and aircraft from around the world, as well as a full spectrum of airplanes from more than a century of aviation history that is on display in the air and on the ground.

Again in 2022, all attendees ages 18 and under are admitted free, supported in part by The Boeing Company. In addition, EAA members who purchase admissions prior to June 15, 2022, are eligible to receive their admission wristbands in advance via the Express Arrival program. Early purchase discounts are also available on both daily and weekly admissions. While admissions are available at the gate, early online purchase gives the best discounts, options for faster entry to the grounds, and additional information and insights prior to the event.

EAA AirVenture Oshkosh annually features nine air shows over seven days, as well as 1,500 forums, workshops, and seminars plus in excess of 800 aviation exhibitors. Pre-purchase options include camping credentials and early-bird merchandise, with additional items to come as they are finalized.

International Young Eagles Day Scheduled for June 11, 2022



Dreams will take flight for young people between the ages of 8 and 17 during the 29th annual International Young Eagles Day on Saturday, June 11. Each year we set aside one day to encourage all EAA members and chapters to participate in the Young Eagles program and share their passion for aviation with a new generation.

This year's celebration means just a bit more, as we continue to return to pre-pandemic life. EAA is aiming to return to 2019's flight level, and International Young Eagles Day is a great excuse to participate in the program.

To help volunteers gear up, EAA is hosting a [webinar on Wednesday, April 21, at 7 p.m. CDT](#), dedicated to planning for International Young Eagles Day.

In honor of International Young Eagles Day, Chapter 579 has decided to reschedule their June rally to Saturday, June 11, 2022.



Giant Antonov AN-225 destroyed in Ukraine

The Antonov An-225 six-engine jet transport, the largest regularly flying aircraft in the world, was destroyed on the ground in its open-ended hangar in Ukraine as part of the Russian invasion, according to Ukrainian sources.

News imagery shows the heavily damaged An-225 airframe at Antonov Airport in Hostomel, a suburb of Kyiv.

Ukrainian officials have said the giant transport succumbed to a Russian airstrike. Some early reports coming out of Ukraine included promises that the An-225 would be rebuilt.

The An-225 is called Mriya, which is Ukrainian for Dream or Inspiration.

Originally built in 1988 to transport the Soviet Union's Buran space shuttle lookalike, the An-225 was placed in storage for eight years beginning in 1994 in the now-independent Ukraine before returning to service as a commercial cargo transport.



The An-225 had a wingspan of 290 feet. Howard Hughes' famed wooden Hercules, known as the Spruce Goose, spans nearly 321 feet. But weight favors the Antonov, and its routine use as a revenue-generating transport versus the Spruce Goose's one-time-only flight established a number of qualified largest-airplane bona fides for Mriya.

Modifications gave the An-225 a maximum gross weight of 710 tons. Mriya made a name for itself carrying outsized cargo like huge 150-ton generators.

Another role was the transport of large amounts of emergency medical supplies in response to disasters. As part of a NATO-contracted strategic airlift, the An-225 carried 10 million COVID-19 masks to Germany on one flight in April 2020.



Ken's Aviation Museum of the Month

By: Ken Kwiatkowski



Massey Air Museum

Massey, Maryland

Founded in 2001, and of special interest to General Aviation pilots and enthusiasts. Dedicated to "Grassroots Aviation" the museum was built in the middle of farmland and is reminiscent of rural airports of the 1920's to 1950's. The airport features a grass airstrip. Although the museum is small it contains a number of aircraft and displays.



On display is a number of fully restored powerplant engines that include a Wright R-2600 Twin Cyclone, and Lycoming O-145-B2. Aircraft include an ERCO Euroscope, DC-3 (with full access) , Antonov AV-2, 1944 Stearman, 1943 V-77 Stinson, 1939 Piper Cub, and a rare Pietengol Air Camper along with several other biplanes.

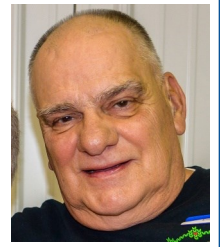
The museum has self guided tours and is open for fly-ins. There is also a nice research library.

The hours for the museum are Tues- Sun 11-4. The airport is always open.



Beat Billy

By: Bill Cameron



Billy is back from the sunny South. For March you don't get a question you get an answer to January's question.

Here is another shot of January's plane, which just happens to be the one and only Nemeth Parasol.

Steven P. Nemeth was a flight instructor at McCook field, near Dayton Ohio, till it shut down in 1927.

Nemeth, also an inventor, was carrying out experiments on aircraft with rotating wings. Students from Miami University built a prototype based on Nemeth's design so they could test configurations of circular wings. The resulting aircraft was called the NEMETH PARASOL and it was test flown in 1934. People on the ground, who saw the plane's test flight called it a "flying umbrella". The media covering the flight, seeing its 15 ft circular wing called it "saucer plane".

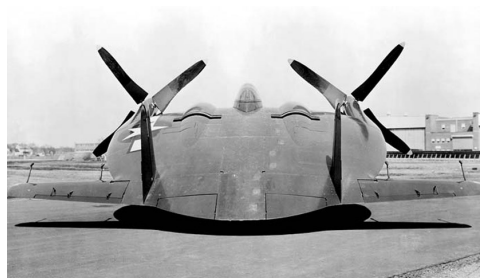
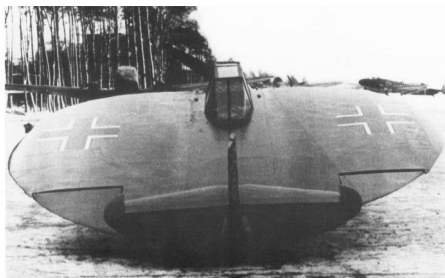


The plane was powered by a 110 hp. Warner engine and it achieved a speed of 135 mph and had a landing speed of 25 mph. During the plane's test flight, Nemeth stalled the plane, shut down the engine and let the plane's wing act like a parachute. The demonstration was a success, the wing stabilized the plane and it came down almost vertically to a very gentle landing, according to a test report in a 1934 issue of Popular Science.

The Nemeth Parasol became the first round wing design aircraft to maintain consistent flight.

While the, one and only, Nemeth Parasol faded into aviation obscurity it provided proof that round wings worked and it paved the way for other experimental planes like the Sack AS-6, The Vought XF5U (Flying Flapjack) and the Avro Canada VZ-9 Avrocar pictured below.

Till next month, stay safe, BILLY out.





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!



Please join us at our next

VMC Club Meeting

Thursday, April 7th

7:30 pm @ SimplyFly

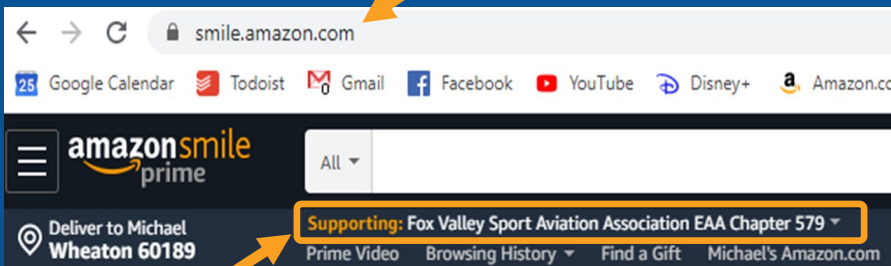


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Thank You for your Support !!



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		