

FIRST SOLO! CONGRATULATIONS TO EMILY!



YOUNG EAGLES NOTAM A NOTE FROM EAA HQ ABOUT PROCEDURES



FROM THE LEFT SEAT PLEASE FASTEN YOUR SEATBELTS



CAVALCADE OF PLANES PHOTOS PERFECT WEATHER AND A HUGE CROWD!





From the Left Seat

reetings Chapter 461!

WOW. Ladies and gentlemen, welcome aboard the June issue of our chapter newsletter. Please fasten your seatbelts low and snug about your waist - this monthly recap may be a wild ride!

What a fantastic month! We started June with a presentation about being a Weather Spotter by Tanner Sains who helped set the tone for summer and summertime weather. The presentation was instructive in many EAA Chapter 461 is a 501(c)(3) non-profit charitable organization based at Bolingbrook's Clow International Airport (1C5)



excellent ways, and it included a brief diversion by yours truly into a flawed (and subsequently corrected) discussion around cloud formation that took my understanding of clouds to a whole new level. Thanks Tanner!

The next stop on our monthly adventure was the 2022 Cavalcade of Planes where we hosted a Ford 5-AT-B Trimotor (Thanks Dean Karafa & Jon Couch!) and engaged the general public with the fine art of aircraft construction (Thanks Rick Ernst!).

John and Jake Marchese set up a bank of five flight simulators that proved quite popular with the crowd, and Craig Kurek brought a green screen and ran a family photo op. All of you – named and unnamed – are an amazing group of people that I am proud to call friends. Thank you!

After Cavalcade, we battled the weather on June 11 and managed to eke out a Young Eagle Rally wherein we flew more than 20 children. I greatly appreciate the perseverance of our volunteers iffy weather and airplanes are not a good mix, and I think we did a good job of putting safety first despite a desire to "press on."

Oh, and Jorge Gonzalez flew kids in a helicopter. Thanks for twisting it up in a big way, Jorge!

And finally (I think?), on June 23, approximately 20 of us participated in a "Hangar Night Campout" where we brushed up on our Osh camping skills, learned about telescopes, watched *The Martian*, and camped out so we could learn how Home Depot promotes insomnia catch a glimpse of a rare planetary alignment in the pre-dawn sky!

So. Much. Fun. (Thanks to Zook Williams and the Illinois Aviation Museum for allowing us to use their "facilities" overnight!)

WOW.

Hangar Happenings:

If you are interested in getting involved in Lounge-461, SimLab-461, or our Pietenpol build, please join us at "Hangar Night" on Thursdays at 7:00 pm, or at "Chow @ Clow" at 5:00 pm on Sundays. You may also check the events section of our website (<u>https://www.eaa461.org/events/</u>) for the most up-to-date view of chapter events, or you can request more information via email: <u>contactus@eaa461.org</u> Aviation For All Ages and Interests

https://www.eaa461.org







Whether you fly, build, restore or simply enjoy airplanes and aviation, you are welcome to attend our events and join our chapter. We are a group of aviation enthusiasts, aircraft builders, and pilots who get together with like-minded people to share ideas, exchange information, encourage safety, serve the local aviation community and have a lot of fun doing so.

Please Pardon My Absence:

Okay folks, so my next stop after wrapping up this message to you is to begin flight planning in earnest for an upcoming crosscountry adventure. My daughter and I will be taking Melody (N8ML) on or about June 30 to visit family and friends in the Pacific Northwest. This will be our fourth trek from 1C5 to KAWO.

Some of you may remember a multi-newsletter article where I shared details about our June 2020 journey to between the same locations. In 2020, we took a central route across the Rockies and into Brigham City, Utah. This time we will take a more northerly route up across lower North Dakota, into Billings, Montana, and then follow I-90 through Idaho and across Washington State before vaulting over the Cascade Range.

Because of this fantastic opportunity to tap the value of General Aviation, I will not see you at our July 2022 chapter meeting. In my absence, I ask you to be kind to Al and Josh. <grin>

And with that, my friends, I will catch up to you at Oshkosh 2022 in late July with all new pictures and GA tales to share!

VFRs!

Young Eagles NOTAM

David Leiting EAA, Eagles Program Manager

he Young Eagles program typically experiences peak flight activity this time of year, so I wanted to share some critical reminders regarding the Young Eagles flight waivers.

Lately, the Young Eagles office has received numerous improper waivers. Examples of improper waivers include:

- Missing pilot and/or parent signatures.
- Incorrect waivers used. i.e. Eagle Flight waivers used for Young Eagles flights.
- Photo copies of the waiver printed or scanned and mailed to EAA.
- Out-of-date versions of the Young Eagles waiver.
- Printed PDFs that are missing portions of the original two-sided waiver.

MONTHLY MEETINGS

The Chapter meets on the first Thursday of the month at Clow International Airport, typically at the Illinois Aviation Museum starting at 7:00 pm. Family members, extended family and guests are always welcome.



MEMBERSHIP INFORMATION

Membership dues for EAA Chapter 461 are \$25 per year and are due on the first of January each calendar year. Chapter 461 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. Conducting Young Eagles flights without the proper waiver and signatures places EAA, your local chapter, and volunteers in an extremely risky position.

Proper use of these waivers is critical to liability protection for all parties involved, and the continued success of the program.

EAA receives an insurance policy for the program, which provides coverage for EAA, the local chapter, and an additional \$1 million of liability coverage for the participating pilot. This policy is contingent upon the correct use of the Young Eagles waivers.

Moving forward, EAA will be implementing a zero-tolerance policy regarding the submission of Young Eagles waivers. Only the following three methods of waiver submission will be accepted.

The current (revised 06/21) two-sided flight registration form and liability waiver, complete with parent and pilot signatures.

The one-sided liability waiver printed via Young Eagles Day Online Registration, complete with parent and pilot signatures.

Digital submissions of signatures for both the pilot and parent, via the EAA Digital Signature iPad App, which works in conjunction Young Eagles Day Online Registration.

Simply put, if the waiver is not signed, do not let the flight depart.

The EAA Young Eagles team is here help, as we want to make conducting a Young Eagles rally as easy as possible.

If you have any questions regarding the submission of Young Eagles waivers, please do not hesitate to contact us at <u>YEagles@eaa.org</u>.

Thank you for your continued dedication to the Young Eagles program, and ensuring the program's success for many years to come!



Board of Directors

Chairman - Dean Karafa Al Bally Angela Greer Gia Kapp Jeff Krasowski Amy Reeb Rich Tichy

YOU CAN FIND US ON <u>FACEBOOK</u>!



HANGAR NIGHT

Every Thursday evening from 7 pm to 9 pm we host a "hangar night" where we learn, we build aircraft, we socialize, and we work on our hangar.

No experience is required, no membership dues must be paid, and no expectations are set.

Come out, meet friends you haven't met yet, see what the buzz is all about, and join in the fun!

Ray Aviation Scholar Update

Jake Marchese

he month of June started out with Cavalcade, where I was able to manage a flight simulator booth in the hangar and also assist with Ford Tri-Motor ground operations. I especially enjoyed being a part of the team responsible for returning the aircraft to its hangar!



Thanks to my Ray Aviation Scholarship, l have been able to complete a number of flight lessons and log some major accomplishments.

I recently completed a dual cross country flight to Porter County Regional Airport (VPZ), located in Valparaiso, Indiana. Three days later, I am proud to report that I have completed my initial solo cross country flight to Whiteside County Airport (KSQI), located in Rock Falls, Illinois.

Throughout my dual cross country flight I practiced dead reckoning and pilotage without the use of the aircraft's GPS or my iPad's GPS. During my solo cross country I had access to my iPad but used it only to periodically crosscheck my location as recommended by my CFI, while using a paper sectional as my primary means of navigation.

So far this month, I have logged 6.3 hours, which brings my total to 49.3 hours.

On a related note, I will be traveling to the University of North Dakota for a visit to the campus and aviation department. A former student of the Flight School where I fly is currently a Sophomore finishing up his instrument rating, and will be showing us around.

Chapter Leadership

President & Web Editor: Chad E. Carlson Vice President: Al Bally Treasurer: Josh Krecek Secretary: Alexander Falco Sonnenberg :

Young Eagles Coordinator: Al Bally Membership Coordinator: Angela Greer Facilities Coordinator and Newsletter Editor: Robbie Culver



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First Lesson

Robbie Culver

ongratulations to Joe Lahsin for taking his first lesson on June 25th, 2022 at JWA! Joe is a regular at our Thursday night "Hangar Night" and we are so glad to see him starting the path to fulfill a dream!!

I had just parked my Sonex at the fuel farm at Clow, when Joe walked by with a huge grin on his face. Turns out he had literally just finished his first lesson.

Like many of us, Joe waited a long time to start down the path of fulfilling his dream of learning to fly. We can relate... The smile says it all!!

Keep flying Joe! And lets us know how we can help you learn!



Entering the Traffic Pattern

How do you enter the traffic pattern? What considerations do you make to determine the entry? Very simple questions, but I get numerous differing answers when discussing among pilots.

Entering the traffic pattern at a nontowered airport is a primary point where accidents/incidents occur. Yet, many of us pilots have become complacent and forget to exercise vigilance.

<u>Click here to read the entire</u> <u>article</u>

There are six recognized methods for entering a traffic pattern:

Straight in: usually employed for practicing instrument approaches.

A 45-degree entry to downwind: a longtime, traditional method.

Midpoint crosswind to downwind: somewhat common when approaching from the opposite side of the downwind leg.

Military-style 180-degree overhead break to downwind: frequently seen when a group of experienced individuals are practicing formation flight.

Midpoint crosswind to teardrop entry: a relatively new FAA accepted entry.

Photo Caption

e'd like the Chapter members to help us caption this photo! One suggestion was "Hearing a Cirrus pilot call final approach 12 miles out." Send your suggestions to contactus@eaa461.org



First Solo!

Emily Vineyard

H i everyone! I am very happy to report that I finally soloed on June 10th, 2022 in a Cessna 152 with the N number N69009 – the same plane that my mentor Wayne soloed in, and I'm hoping I can get my license in her too, just like he did! What a wonderful legacy that would be! Learn To Fly Center Expands Offerings for EAA AirVenture Oshkosh 2022

The EAA Learn to Fly Center is the primary location at EAA AirVenture Oshkosh 2022 for information about learning to fly. The venue has expanded this year to provide an even more valuable experience. The center will be located at the Four Corners in the middle of the AirVenture grounds. Operating hours are Monday, July 25, to Sunday, July 31, from 9 a.m. to 5 p.m.

The EAA Learn to Fly <u>Center</u> will feature multiple stations, each dedicated to helping individuals take a step forward in their desire to learn to fly. Certified flight instructors (CFIs), experienced pilots, and those fresh out of flight training will be on hand to help answer any questions about the flight training process.



I'm not sure how many of you have soloed but I have to say that I will never forget the moment, and you would not believe how fast the plane climbed with just me in the cockpit. It was amazing to say the least and I was so nervous, but I really didn't need to be because my training has been really good.

Even though being all alone was so new and everything was happening so fast I found myself just going through the steps that my instructor taught me and everything was just fantastic. Thanks Jared and JWA!

Soloing has reinforced many of the things that I have learned over the last 5 or 6 years – most notably that we really are capable of amazing things. So even though you might be nervous about trying something you should do it anyway because you might very well surprise yourself and when you succeed you will be really proud of what you have achieved.

I have been raised to push forward in life and to tackle challenges without fear and it has been really hard to do that but this solo has proven to me that it's true. If you keep trying, and stick to your beliefs, you can and will succeed.

The journey to my solo has been a long one because of weather and maintenance delays coupled with my Junior High School workload being so great (to ensure that I maintained the GPA necessary for my scholarship to College) and that forced me to balance many competing priorities, with the GPA being the most critical.

Now that the Summer is here, I am going all in to try and complete my Private Pilot license so I am sure you will all be receiving updates with more content because I will actually have

Activities for Kids at EAA AirVenture Oshkosh 2022

EAA founder Paul Poberezny said it from the start: get the kids and families involved at the annual EAA fly-in and it will become an annual family tradition.

The same holds true at EAA AirVenture Oshkosh 2022, as young people will find plenty to do and discover at Oshkosh on July 25-31.



Again this year, it's free admission for all those age 18 and under, thanks in part from support by The Boeing Company.

For more information <u>click</u> <u>here</u>

Activities include:

KidVenture

Youth Education Center

EAA Aviation Museum/ KidVenture area

Young Eagles 30th anniversary

Warbirds area flight simulators

more to communicate.

I'd like to thank you all for your support in selecting me as your Ray Aviation Scholar – it means a tremendous amount to me as I'm sure you know.

Until next time I'll wish you blue Skies and tailwinds!

Emily

Cavalcade 2022 Photos

Robbie & Brenda Culver

his year's Cavalcade of Planes brought absolutely spectacular weather, huge crowds, and an incredible vibe to Clow International Airport! We sorted through thousands of photos and found the ones we thought were best. This year, we organized them into Google photo albums - the links are below.

Brenda did an incredible job of capturing the GA parade of planes on Saturday, while Robbie had the "difficult" job of flying the Sonex. (Darn!) This inaugural subset of Cavalcade was a great way to share General Aviation aircraft based at Clow with the public.

One very special photo opportunity presented itself. Glenn Olsen of the Indiana Wing of the Commemorative Air Force (CAF) was gracious enough to invite Robbie on a very special formation flight.

On Sunday morning June 5th, Robbie was in the CAF's Beech C-45 (AKA "Twin Beech") for the morning National Anthem flight with two T-6's. The C-45 proved to be an absolutely incredible photo platform, and the results are in the first album below. One example is the cover image in this months newsletter.

Robbie has shot aviation events for a long time, from the ground and from the air, and this was truly a very special opportunity. A huge THANK YOU to Glenn and the CAF for this chance! We hope you enjoy the results!

So, sit back, and enjoy the event from our view! We hope that you find something special in these photos.

T-6 photos:

The Sunday morning "Anthem flight" was an exciting start to the day! Two T-6's joined a Beech C-45 in formation, and flew over Clow as the National Anthem was played.

Jenny Re-Creation Coming to Oshkosh

A scratchbuilt recreation of a Curtiss JN, commonly known as the "Jenny," is coming to EAA **AirVenture Oshkosh** this summer, thanks to the hard work of volunteers in Poplar Grove. Illinois. While first thought of by Don Perry, EAA 672221, eventually 22 people worked together to complete this Jenny, investing five years, 22,000 hours, and using an original OX-5 engine. More information about this exciting new build can be found in the upcoming August 2022 edition of EAA Sport Aviation.



EAA 461 members may recall the presentation at a chapter meeting in 2020 that provided a glimpse into this incredible project!

https://photos.app.goo.gl/8tafEUbQjSpZjDUp6

Ford Tri-Motor photos:

EAA 461 was fortunate to host the Ford Tri-Motor again this year, and 408 people flew on this national treasure over the course of the 4 days it was here. On Saturday and Sunday, 20 loads were flown each day. EAA volunteers Vicki and Paul Koziol handled sales and ground support as EAA 461 took care of the passengers.

This is a fantastic statistic and represents an incredible effort by our hard-working volunteers, led by Dean "Rocket Man" Karafa, Jon Couch, and Gary Wilkins. Thank you all for the terrific, safe, professional handling of what, at times, was a very *dynamic* environment!

Part of this adventure involves putting the Tri-Motor in a hangar every night. Robbie can testify to the very physical nature of this effort, and the stress involved in ensuring a large, heavy aircraft is not damaged while squeezing it into a hangar with a door that is not as wide as the wingspan! This was "airplane Jenga" at its finest!

https://photos.app.goo.gl/tZZUumf87n38ePpU9

VIP flight on the Tri-Motor:

A very special VIP flight was held for honored guests and village officials. This year was no exception!

https://photos.app.goo.gl/VqcoNxTyoBC5Pm3E7

IAM photos:

Our friends at the Illinois Aviation Museum kept busy all weekend with an air-to-air refueling simulator, "Ground-Bound" rides, and a very busy souvenir table.

https://photos.app.goo.gl/bfxQZb3XCUjAegYC9

EAA 461 photos:

In the EAA 461 hangar, Rick Ernst provided a fantastic demo of riveting aluminum as seen in the RV assembly line we have. I am not sure Rick truly expected his demonstration to be as popular as it was, but it was a hit with the crowds! Our flight simulators were also popular, and our volunteers kept the young folks (and even some adults) educated and entertained.

At the front of the hangar, our friends from Girl Scout Troop 75229 and our Young Eagles volunteers all worked the crowds that

Registration Now Open for Pilot Proficiency Center Sessions During AirVenture 2022

Registration is now open to the expanded Pilot Proficiency Center sessions during EAA AirVenture Oshkosh 2022, to be held in the new EAA Education Center adjacent to the EAA Aviation Museum. These half-day clinics allow pilots to increase their knowledge, hone their abilities, and network with other passionate pilots while helping them become safer and better-informed aviators.

The 69th edition of EAA's flyin convention is July 25-31 at Wittman Regional Airport in Oshkosh. Registration for the Pilot Proficiency Center clinics is free with AirVenture admission, but attendance at each half-day session is limited, so early registration is encouraged. More information and course requirements are available at the <u>Pilot Proficiency</u> <u>Center</u> webpage.

Participants may choose from any one of the sessions that fit their current pilot certificate, rating, or homebuilt aircraft project. Subjects range from flying fundamentals and risk factors to instrument flight and homebuilt test flying. The clinics include keynote presentations, interactive and engaging breakout sessions, skills enhancement, and challenging scenario-based training exercises in EAA's **Redbird** Advanced Aviation Training Devices.

packed the hangar all weekend. Additional 461 volunteers helped with a 50/50 raffle.

https://photos.app.goo.gl/BNUoSGM4D6X5YDkM7

Cavalcade 2022 Aircraft photos:

Of course, Cavalcade is nothing without the incredible aircraft that adorn the flight line, thrill the crowds with fly-bys and aerial demonstrations, and allow rides in some select aircraft. This year was no exception!

https://photos.app.goo.gl/f1fyYQHhYxKsXQWz8

Cavalcade 2022 people photos:

Cavalcade draws huge crowds. Much of the fun as photographers is looking for those special moments in the crowd as families share the magic of flight together! Many of the kids were spotted flying the inflatable aircraft they purchased at IAM on the grass, and the looks of joy on their faces is simply incredible.

https://photos.app.goo.gl/Cv5pDwo8uXpkWSzz8

Editor's Ramblings

Robbie Culver

T's been a somewhat challenging spring and summer for those of us who prefer to aviate instead of garden or golf. April and May brought some wild weather, a lot of rain, and this year especially seems to be windy. As a result, the time we do get to fly seems even more special. The flip side is we have had a lot of time to hang out, get to know one another better, and tease each other mercilessly. Trust me - we do a wonderful job of that!

Both Hangar Night on Thursday's and Chow at Clow on Sunday's have offered a chance for both - aviating and teasing. The results are often hilarious, and since I give as often as I get when it comes to the giving of ...stuff... I truly enjoy the banter and wit. As I always say, if I am not picking on you, watch out! I am up to something! It's all in good fun, and never meant to be personal.

One recent Thursday and another recent Sunday provided an opportunity to take friends old and new up in both the Champ and the Sonex. Since they are both great fun to fly, I love taking people up - but the experiences are definitely world's apart! Charlotte the Champ is a stately lady, built and first flown in 1945. She flies hands-off, and reminds us why we have feet.

AeroEducate Activities Expand at AirVenture

EAA's AeroEducate youth initiative, introduced at EAA AirVenture Oshkosh 2021, will have a vibrant schedule of events at AirVenture this year, centered at a new AeroEducate Center at Aviation Gateway Park.

<u>AeroEducate</u> is a broad program, encompassing all aviation careers and professional paths and designed to engage youth from kindergarten through high school. The AirVenture facility will be open in conjunction with the launch of the full AeroEducate.org website, which has been in beta testing over the past year.

"AeroEducate is a program that reaches not only young people, but welcomes parents, teachers, EAA chapter members, and other partners who want to discover more about engaging young people in the many possibilities of aviation," said Paul Maloy, EAA AeroEducate program manager. "As we unveil the full AeroEducate website, the physical presence at AirVenture will be a tremendous resource for everyone who is eager to participate in building aviation's future

The Foster family in Washington, Indiana, rebuilt her and took good care of her for 39 years. Several years ago, Brenda and I became her caretaker, a role we take seriously. We love hopping rides and sharing the Champ experience with others, and just purchased shoulder harnesses to be installed for an added safety measure.

Our good friend Jeff brought a friend out to Chow at Clow one Sunday evening, and Dyugu had never flown in a small airplane before. It was my privilege to take her flying on a perfect summer evening. While there was a slight language barrier in flight, due in large part to the open window in the Champ, I could tell by her giggling and the huge smile on her face how much she enjoyed it. Nothing makes me happier than seeing that smile and hearing that laughter. The Champ grin is contagious!



Taking people up in the Sonex is an entirely different experience altogether. The Champ seats tandem (one behind another) but the Sonex is side by side. As many have heard me say, you need to be a close friend to go with me, and you definitely better have bathed recently! It is a *very* close fit for two!

Charlotte toddles along at 80 mph, and her expansive windows allow for in flight sightseeing and free air conditioning. The Sonex can cruise at 140 mph, has a big canopy that allows for ample solar heating, and the two vents provide just enough airflow to prevent me from melting. The Sonex does not allow for larger friends to go flying, and since the seats are tight together, were are *definitely*

Ferocious Felines Airborne: AirVenture 2022 to Feature Flight of the Cats

Four of the most iconic military aircraft built by Grumman will make a rare reunion appearance during EAA AirVenture Oshkosh 2022, as the "Flight of the Cats" will be part of the afternoon air shows on July 27 and 29.



The four Grumman airplanes — the F4F Wildcat, F6F Hellcat, F8F Bearcat, and F7F Tigercat — were developed within an eight-year period in the late 1930s and 1940s. They were best known for their roles within the U.S. Navy and Marines, although the Bearcat was used by air forces around the world as late as the early 1960s. going to be better friends by the end of the flight!

Charlotte is flown with somewhat vigorous motion of rudder first, followed by aileron. My *Aluminum Mistress* (a.k.a. the Sonex) is flown with fingertips and light pressure. If you fly her like a Champ, she will rebel and teach you to be nice.

Since both aircraft are tailwheel equipped, I am not able to fly in the wind that other nose wheel equipped aircraft can go up in. There is always a tradeoff, or as Chad quite accurately states, each aircraft has its own mission. The Champ is meant to make you smile and giggle, and the Sonex is just a temptress who shows you how exciting and sporty flying can be! They are both fun to fly, but definitely have different temperaments and behavior. Especially when landing them!



So as we say every month - come out and join in the fun! We would love you to be a member (see sidebar at right) but it truly is not required. What is required is smiling. And flying.



PHOTO BY AMY REEB

Are you a member?

If you're enjoying this fine publication, or joining us on Hangar Night or Chow at Clow, I would ask:

"Are you a member?"



Your membership dues help EAA 461 promote youth activities, publish this newsletter to our website, keep the lights and heat on in the hangar, and feed hungry pilots.

Ok, we don't really feed hungry pilots with your dues, but at least now I know you're paying attention!

Membership dues for EAA Chapter 461 are \$25 per year and are due on the first of January each calendar year. Chapter 461 members are to be current members of the EAA, Oshkosh, WI.

Join us here:

https://www.eaa461.org/ donations-dues-fees/

Compass Rose at Clow!

Per airport manager Joe DePaulo, there is new item here at the airport. An Eagle Scout project by Trey Klein. He painted a compass rose on the west bubble of the west turn off (taxiway bravo). The north heading was by a registered surveyor, and Trey took it from there. All aircraft should feel free to use the new compass rose as needed. Thank You Trey for this project, as it is a great benefit and addition to the airport!





Revv Aviation Offers Avgas Discount for EAA Members

The list of fuel discounts for AirVenture-bound pilots grew significantly this week, as Revv Aviation is offering a \$0.50/gallon discount on full-service avgas as well as triple points for AVTRIP Rewards from AVFUEL to all EAA members, with proof of membership, from July 23-August 2 at all of its FBO locations.

Revv Aviation is a proud supporter of personal aviation and has locations in Illinois, Iowa, and Wisconsin. More information about Revv Aviation and locations can be found at www.revvaviation.com.

Pilots heading to Oshkosh can also find additional <u>FBOs offering discounts</u> and other amenities on the AirVenture website.