
EAA Chapter 32 News

The official publication of Experimental Aircraft Association Chapter 32 - St. Louis, MO (Jim Bower, Editor)

May, 2023

Check out our fantastic Web Pages at
WWW.EAA32.ORG
Laura Million, Web Designer



Scott AFB STEM event: Pilot Dave Doherty, Bill Doherty; Jim Hall as ground crew. Four Star General Mike Minihan stops by to pose with the crew

Newsletter Contributions and Deadlines

Anyone wishing to submit articles, advertisements, rants, etc. to the newsletter should send them to your friendly editor on or before the Tuesday ahead of the scheduled meeting. Send contributions to newsletter@ea32.org.

President's Corner

by Bill Doherty

Hello again! The wave of spring and summer activities continues! We survived the Salt River Auto Show in April although Mother Nature decided to be uncooperative and threw some storms at us. The hoped-for attendance never materialized and with the bad weather many of those who did show up left early. This left us in a bind with the food we purchased, expecting a big event. In short, we lost money on this event. We still have most of the frozen food we can sell at cost to chapter members who are interested so this will dissipate some of the red ink. The county health rules do not allow us to use it for any upcoming events so if you want to stock up on frozen burgers and hotdogs, here's your chance.

On the upside, we learned how to mass produce pancakes so if in the future we want to have pancake breakfasts as fundraisers, we should do well. There will be additional opportunities with Young Eagle events and such throughout the summer and fall.

After the auto show Patty and Bob Murray did a phenomenal job of organizing our kitchen at the ARC. I have to admit I'm a bit afraid to touch anything in fear I might ruin the hard work they put into it. Seriously, everything is in order now and labeled. This will make future events much easier. THANK YOU, PATTY and THANK YOU, BOB!!!

THANK YOU also to Ken Derks! Ken's been quietly working on various projects around the ARC. You may notice some fresh blue paint and some new fans with painted blades! Nice job, Ken!

Young Eagles is off to another great start. As I write this we just had our May Young Eagle Rally at the ARC. All but one Young Eagle got to fly before an approaching thunderstorm forced us to halt the flights. Of course, we invited the family back to our next events so he can be the first on the list. Don't forget, Young Eagle points are still double through July!

Upcoming Y/E events are June 3 at Creve Coeur Airport (private event with Gateway Youth Aviation Foundation), June 10 at the ARC for International Young Eagle Day. There will be food for that one! We always need volunteers to help set up, clean up and also to talk to folks about what EAA is and our own love of aviation.

Also this past weekend while the Young Eagle Rally was happening, over at Scott AFB they were having a base open house, STEM Expo and Airshow featuring the Blue Angels. My brother, Dave had invited me to ride along in the RV-12 to the base on Thursday prior to the event. To be allowed onto a military base, one has to be approved. I had to hurry up the process on my end as I was on a camping trip and had spotty internet access. After a couple unsuccessful email attempts and a dropped phone call to our contact, Major Jon Daniels, I was able to get the required documents to him and get on the "Crew Roster".

Thursday brought more rain showers in the morning and an appointment with an air conditioner repair technician at my house. By mid afternoon I was finally in cool air at home and the weather looked to be clearing...sort of.

Dave picked me up at my house and we proceeded to KSET to get the RV-12 out of the hangar. Actually, Dave got it out while I checked the weather radar on my iPhone. Storm cells moving over Scott AFB and right in our flight path. After a few minutes of waiting, it finally looked like they were moving off and a phone call to Jim Hall, who was waiting for us at Scott confirmed it. We climbed in and shortly were airborne.

The half hour flight took us between a couple of rain showers but was quite enjoyable and much shorter than the later drive back. Upon arrival at Scott we exited the runway onto taxiway Echo and awaited further instructions. Dave let the tower know we were not far from Fat Albert, the Blue Angels support C-130. The tower replied back, asking if we wanted to park next to Fat Albert. We chuckled and contemplated the possibility of a rare photo opportunity. That quickly ended when we were asked to do a 180 and taxi down taxiway Alpha to taxiway Golf where we'd be met by a vehicle.

The "Follow Me" truck led us to a spot next to some other red, white, and blue aircraft of the Civil Air Patrol. We were later asked if the RV-12 was a trainer for them. Oh, the opportunity to mislead innocent people, but I resisted and explained we're from a different organization.

To secure the RV, the Air Force team brought three enormous concrete blocks to place near each wingtip and the tail. These were brought by means of a giant forklift and carefully placed with great caution next to N32YE. Each block weighed something like 4000 pounds.

After the aircraft was secured some of the enlisted team asked if we wanted a private tour of a C-40 VIP aircraft. They were the ground crew for it and quite proud of their machine, so we happily accepted and climbed up the stairs of the Air Force version of a 737, painted similar to Air Force One. This aircraft is used to transport Congress members, Cabinet members and if necessary, the Vice President. As we came out, I noticed they were waxing the airplane in preparation for the show. This was all being done by hand. Yikes, that's a lot of real estate to rub down, even if they were only doing the lower part of the fuselage.

After our tour we had a few minutes and started taking the customary "look where we are" pictures of ourselves and the airplane. Along came a big silver pickup truck that suddenly stopped. Out popped a very tall gentleman and his aide. He trotted over to us and said, "I want a picture with these guys and this neat little plane!" At that point, I saw stars! Four of them to be exact. We posed with our tall, new admirer and he introduced himself as Mike Minihan, Commander of Air Mobility Command. Wow, Thee Big Guy! That was the first time I can remember meeting and shaking hands with a Four Star General!

We also got to see some of the Air Force C-21s that are based there. These are Air Force VIP versions of the Lear 35A. I see Lear 35s every day at work but rarely do they have passenger interiors and never are they so nice looking. Then, as we made our way back to Jim Hall's van, we saw the Boeing MQ-25 in a hangar. Neat glimpse of the future!

Alas, The Blue Angels had to cancel their performance on Saturday. They just couldn't compete with a Young Eagles Rally, I guess. Or maybe it was the thunderstorm that was approaching the base and the decision was made to let the crowd exit before it arrived.

I'm sure there are more tales from Scott AFB to be told.

We will have a very brief Chapter Gathering this Saturday at 10:00am just before we have our Flying Start program. If you haven't already checked it out, this is EAA Learn to Fly Week online at EAA.org. We didn't meet as a chapter in April due to the auto show, but I think we all agree it's important that we continue to gather each month even if we have a major event the same day. We'll keep the business meeting short and sweet. It's also important for our Flying Start guests to see our chapter and know we're ALL here to encourage them along as they start flying.

Learn to Fly Week is new this year and culminates in the Flying Start program on Saturday. It would be a great opportunity for all if we can start thinking about and planning a Flying Start program in the Fall as well. Maybe that one could be something we partner with another chapter, perhaps at another local airport.

Here's a link to the JUNE chapter video with Charlie Becker. AirVenture is coming up fast and there are a few things he mentions about it. I'm starting to get that Oshkosh feeling now. Frequently when I hear a small plane taking off at work, I think about that sound at AirVenture.

<https://www.eaa.org/videos/chapters?playlistVideoId=6327693789112>

Well, that's about all I have this time around.

I'll see you at the ARC or maybe around the pattern.

Stay vigilant and fly safe!

***Blue Skies!
Bill Doherty,
President***

EAA Spirit of St. Louis Chapter 32

Ray Scholarship Progress

By: Lauren Peca

Hello, Chapter 32! In lieu of a monthly meeting for May, where I would normally report this information, I've decided to include what I've been up to with my Ray scholarship in the newsletter.

I am writing this as of May 15.

April 1	Planned flight lesson, canceled because of a 47 knot wind at Spirit
April 2	Planned flight lesson, canceled for heavy winds. I did ground instead. Elite does 1-on-1 ground school at various times throughout a student's flight training. There is no singular group class.
April 8	Volunteered as ground crew for Young Eagles in the morning, and did a flight lesson in the afternoon. We practiced performance maneuvers like stalls and steep turns.
April 15	Volunteered with the car show in the morning, and I had a flight lesson in the afternoon, practicing more performance maneuvers.
April 20	Thunderstorms canceled my flight lesson, we did ground instead.
April 23	Flight lesson over ground reference maneuvers.
April 29	Planned flight lesson, which I canceled because I was sick.
April 30	Planned flight lesson, canceled due to wind. I had a ground lesson over airspace, spin recovery, and aircraft systems.
May 2	Planned flight lesson, canceled due to wind. Ground lesson over aircraft systems and engine specifications, along with a few FAR's.
May 4	Flight lesson, we did landings at KSUS and KFYG.
May 8	Flight lesson, we did ground reference maneuvers and some landings at Spirit.
May 9	Flight lesson, same as May 9.
May 15	Flight lesson, did landings at KFYG and KSUS. Greased 5 out of 6!

I've been improving consistently—my patterns are down to almost a science (especially at KFYG) and I can salvage most landings—I did a “textbook” crosswind landing on May 15 according to Eric, my CFI.

Out of all the hours I spent mulling over landing advice on the internet and by talking to people, the advice I heard from people at Chapter 32 was by far the most helpful. In a way, some things do just “click.”

The billowing cumulonimbus clouds that rise over the horizon remind me of hot July days putzing around the sky as I sweat so much I stick to the seat. However, my summer will be fraught with days like those as I continue working towards my PPL. I hope to get an 8 AM or 6 PM lesson slot to avoid the worst of it.

I gave myself the limit of on or before June 1 for my solo date—there is no doubt in my mind about reaching it. I'll do everything in my power to achieve my goal.

As the wise old guys say—fly the airplane!



All Young Eagle photos courtesy of Lisa Miano

April Meeting Minutes

Dave Deweese

Non-formal Minutes for Non-Formal Meetings

At our last formal meeting Bob Peca, Lauren (student pilot) Peca, and (secretary) me discussed April's car show/pancake breakfast experiment. Bob had a prior work commitment. Lauren was ready to volunteer, but hesitant to drive two-lane country roads on her own. It seems that learning to fly and learning to drive at the same time makes one aware of the hazards of each: in the air it's rare for other vehicles fly past you six feet away, at the exact same altitude, and in the opposite direction.

Since the Pecas live nearby we agreed to carpool. While scheduling a departure time Lauren reminded me that people of her age demographic don't always wake up early. I'd thought of beating the hot rodders to the airport by arising before the sun; here was an excuse to sleep in with a clear conscience.

Driving out to the ARC with a companion was a pleasant throwback to years when Danielle accompanied me to meetings and events. I'm proud, by the way, of my daughter's success in banking, though now she tells tales of aggravations with customers and co-workers: she's becoming a grizzled office worker like her old man.

Lauren still talks of summer vacation adventures and college planning, in addition to flight training

We arrived around 0930. Traffic was lighter than I'd imagined: weather reports, threats more like it, must have scared some away. We got in on the very end of sausage and pancakes - both decent for a first try - and then it was time for a switchover to lunch food. Considering the light crowd sales were brisk, but there were (literal) clouds on the horizon.

With a possible flight lesson in the afternoon Lauren was keeping an eye on radar loops, and sure enough the storms arrived. We all scrambled around moving tables and food indoors. A day that began summery turned chilly, windy, and wet. By the time the clouds left so had most of the crowd. We left as well: the next round of red and yellow radar returns were far to the west. Lauren's flight instructor said her lesson was a go.



Elite Aviation is clear across town at Spirit of St. Louis airport, but driving a student over there was a perfect excuse to hang around and check out the operation. We arrived in the parking lot, tailed by a maroon Chrysler, which turned out to be Lauren's instructor, so she immediately headed out to preflight her plane. That's supposed to be her in my illustration. I'm not sure if my image captures how new and shiny-looking their fleet is, but it's a nice flock of Cessnas.

About an hour after Lauren took off I began to overhear mentions of "storms to the west", and "hail". Chief Pilot Allison went into action, sending tugs this way and that to get the fleet inside. It's fun to watch an effective boss at work: she never raised her voice, though you could sure tell who was in charge.

The second round of storms was bubbling up as we crossed the 64 bridge over the river and headed back towards O'Fallon. I had time to drop off my friend and get

myself back home before the next storm hit. The Duchess of Furbottom (my cat) was none too thrilled with the rattle of hail on the roof, but after such an eventful "meeting" I was too tired to care.

Thanks to Lauren for an enjoyable Saturday, and for a chance to contribute to your flying adventures: I'm impressed by the work Chris Ward, Jim Hall, and Bob Murray have done in lining up the Ray Scholarship. A bit of chauffeuring made me feel like I've added something.



Aviation Explorer Post 9032 STEM booth setup at Scott AFB.

May Young Eagles Recap

Jon Crackel

May 13 wrapped up another successful Young Eagles Rally. For any new members not yet aware, we host a Young Eagles Rally the 2nd Saturday of the Month, April through October. Everyone is welcomed to come lend a hand or just to come socialize, or bring the 8-17 year old kiddo from your family who would like to experience a Young Eagles flight.

We also hosted a private event in March for the Gateway Youth Aeronautical Foundation at Creve Coeur, plus the two regularly scheduled rally's brings our tally to three Young Eagles events so far in 2023.

By the numbers:

Event	Young Eagles Flown
3/11 at 1H0	19
4/8 at KSET	47
5/11 at KSET	30
Year to date:	96 flown in 2023

Not commonly known, the YEday.org web site automatically sends an email a few days before the event asking for confirmation of attendance. This goes to all Pilots, Ground Crew, and registered Young Eagles.

May 13th was unique. Of the 45 young eagles that were originally pre-registered, we had 22 cancel after the confirming email, but that number quickly climbed back to 42. The day of the event there were storms in the forecast which likely resulted in 20+ no shows, but we also had 11 walk-ins.

I attribute the weather forecast to the reason our turnout was slightly lower. This was actually a good thing, despite the overall success of the day we had one young man who waited patiently all morning for his turn. He was the last one for a ride and we had to cancel his flight due to encroaching thunderstorms. We promised him a priority spot in line in June and hope to see him then.

11 Pilots have been able to volunteer (Time, plane, & fuel) to make this happen: Bill Jagust, Bob Murray, Dave Doherty, Dave Kuschel, David Brickhaus, Jeff Stephenson, Jim Hann, Jon Benne, Libby Yunger, Randy Schroder, and Ron Burnett. Thanks to all.

I didn't list them here, but the biggest group of folks who keep us running is the ground crew. They educate the YEs on the airplane and expectations, they fill out log books, confirm we have parent and pilot signatures on the waiver before flight, and help control people and airplane traffic on the flight line. Of most importance, they keep the event safe. Thank you!

I'm particularly grateful for Jim Hall and Ken Derks showing up the day before to set up tables and display items, and for Pam Hanson and Jennifer Skikas who kept the registration and check-in running like a well oiled machine.

On Deck – we were asked by Gateway Youth to fly at Creve Coeur on June 3. With limited pilot availability we have kept the event registration private and capped at 15. We will expand this if we're able. The following week is our regularly scheduled June 10th Rally at KSET.

Thanks again for all that chip in to help. It's greatly appreciated.... Oh, and be on the lookout for some exciting news about one of our pilots who achieved a significant milestone of flying his 500th Young Eagle this season. It's not really a secret, I'm just building the suspense a little because it's a big deal and deserves kudos.

A few clues:

- By day he's a teacher in Parkway School District
- His wife is frequently found printing Young Eagles Certificates
- He flies a Cessna 172
- Give up?...
- His name rhymes with Stephenson, quite exactly.
-

Congrats to Jeff, and thanks to Michelle for letting him disappear on weekends (and joining him to print certificates). We proudly look forward to spotlighting this in a future meeting.



Dave McGougan's Kitfox Project

I am finally registered and have a tail number now. Also the pics show the new brake system I am installing. Almost done with that, next is the instrument panel installation, then the engine. I am getting closer.



Learners as We Go

“The Good, the Bad, and the Ugly”

mr. bill



THE GOOD!

Well, EAA 32ers are off to a GREAT start for the year 2023. We were able to get out of the starting blocks in April for our first Young Eagle event. It was AWESOME to see Ms. Laura work her magic with the Aviation Merit Badge Program. And we had some Young Eagles Candidates come back for return flights as they waited all winter to fly again.

We had the Airplanes and Automobiles event which was interrupted by the rain BUT we did have the event.

Our May Young Eagles event was started on the knowledge THAT IT WAS GOING TO RAIN! We figured around 1300 hours and we were close.

Enough time was had to get Ron B.'s beautiful Luscombe back to the barn at Greensfield Airport BEFORE the rain. My last group of kids were happy to fly around the Orchard Farm High School “and see the little bugs and busses.” We quickly turned back to Smartt Field because I could see the wall of rain heading toward us.

for letting Isaac experience that fast airplane ride and for picking him up later. Also, for the great job of running the Young Eagles Event.)



The weather at the EAA 32 Hangar after the planes were put away!



Birthday Flight with mr. bill
(She was more interested in her iPhone 14)

Mr. Randy and his RV-12 found another RV-12 friend at the beginning of the day and it was nice to see those two with their RV GRINS.

The Tri-Pacer made it into the hangar with Mr. Cooper at the controls. This young man has a mechanical mind from working on his tractors on the farm. He is looking like a RAY Scholarship Candidate of the future as he is 15 years young.

Upon landing, Bob M. and his RV-10 scattered to Creve Coeur with Sir Isaac in the airplane. (Thanks, Father Jon,

THE LOOK OF THE WEATHER ON FORE FLIGHT APP

THE UGLY



What some people will do for attention!

<https://youtu.be/jDb7vijH7uE>

THE FUTURE

Alrighty gang, EAA 32's next adventure is the EAA FLIGHT START PROGRAM. What is this, you type of?

"It's an introduction and mentoring program designed to welcome and encourage adults who want to discover flying but don't know how or where to take the first step."

"The best part? The whole experience is FREE. No sales. No pressure. Just a whole lot of fun with a big take home point: Your dream of flying is a lot closer than you think."

An introduction to the basics of flying and IF WE, EAA 32 hand out one of those State of Missouri Sectionals, of which we have a bunch, this gives the EAGLE candidate something to study. (And needs to be studied and known for the future training of the individual, if they are to continue with flight training.) EAA has put some money into the booklet of the program. Basically, it is a YOUNG EAGLE Flight with an EAGLE who is between 18 and 81.

Alrighty gang,

We are on a roll here. The future holds the:

- International Young Eagle Day on June 10, at Smartt Field, with EAA 32.
- On June 03, 2023, THE ARMY AVIATION MUSEUM is having an OPEN HOUSE and HELICOPTER RIDES!

What a COOL Summer it will be!

BE SAFE AND KEEP YOUR HEAD ON A SWIVEL!



NC-85862 1946 Aeronca Chief 11AC-256

Rescue and Restoration

Mike Benne

Jon Benne

May 2023 Project Update



Status Update

We've made good progress in the past year of occasional off and on work on the Aeronca Chief rescue and restoration project. If you recall, the Chief had been sitting in a barn near Sedalia, Missouri for almost 50 years. We were delighted when we found it and brought it back to St. Charles, and we are still fond of this little project and all of the surprises that it continues to give us. Barn-finds have a bit of mystery to them, and some are good and some not-so-good. Jon has set a budget for the project, and we have been able to stay within the confines of his budget so far. Certainly, we do not want to exceed the current market value of similar aircraft in expenditure.

A complete restoration is a lot of dirty work which includes cleaning, stripping, sanding, and painting almost every part from very small to large on the airframe. Effective use of strong chemicals, solvents, strippers, and elbow grease contribute to the effort. When they are clean to bare metal, we apply a protective coating of primer and paint, or perhaps electroplate them with a protective finish.

The fuselage has been stripped of the original primer and paint, and many of the metal frame parts including the six stationary and moving parts that make up the elevator and rudder. Blastco, the sandblast company in Wentzville, wanted approximately \$600 to grit blast the entire frame, so Jon decided to "do it yourself" and spent quite a number of hot summer days stripping the frame by hand with a Harbor

Freight sandblast gun. The hardest areas to clean were around the numerous cluster welds where usually three or more frame tubes were joined. It was an arduous task, but sweat equity can save some money here and there. With the steel fuselage frame and tail control surfaces grit-blasted, it was necessary to primer and paint these areas as soon as possible. Knowing that there would be a lot of paint to apply in the future to the airplane once the wings and fuselage were covered, Jon bought an inflatable paint booth.

However, some of the smaller parts were painted in typical shade-tree mechanic style. Jon purchased all of the fabric and coatings during Wick's Aircraft 10% off sale in March including the white primer. The sale provided a significant savings.

With the fuselage frame now primed and painted we installed the fuselage bulkheads and stringers, and then moved onto uncovering the wings and beginning the same process of strip, clean, replace worn out and broken parts, then paint and reassemble. We have run control cables and started finishing the front panel.

Moving onto the wings, after removing the old wing fabric, we found a few surprises. The first surprise revealed a couple of the spars had been nibbled on by rodents, and the second was that one of the spars had a significant crack at the wing attachment point. Jon found a couple of spare wings near Kalamazoo Michigan and sacrificed a day to drive there and back with the help of his brother-in-law, John. The spare wings gave us an additional set of spars and parts to use in rebuilding the wings.

We have assembled the frame of the right wing and are starting on the left wing. We need to add the aluminum leading edge covers and the trailing edge brace.

We have started covering the control surfaces with fabric, and have progressed thru rudder and horizontal tail surfaces.

Finally, Jon sent the wooden propeller for the airplane to Sensenich for overhaul. It came back looking absolutely amazing!



Main Spar Crack



Rodent Damage



Right Wing Progress



Covering an Elevator with Fabric



Overhauled Chief Propeller Back From Sensenich

Aviation Explorer Post 9032 Activities Update for May, 2023

Jim Hall, AE Advisor

We're continuing with more great plans for the rest of 2023; and if you are interested in joining Aviation Explorer Post 9032 as a youth, or an advisor, please let us know and we'll get you on the email list!

<https://www.aepost9032.org/>

Upcoming Plans:

- May 17th at the SLU Campus to tour their wind tunnel! Meeting at 5:30pm in the Rotunda of McDonnell Douglas Hall to visit the SLU Wind Tunnel with Dr. Raymond Lebeau. The best parking options are on Lindell Blvd next to MDH or in the Laclede Garage.
- June 3, 10am – 4pm for Youth Aviation Day at Creve Coeur Airport! Activities to include: Aviation Career Fair, Special Guests, Airplane and Helicopter Displays, Young Eagle Flights, Discovery Flights, Huey Helicopter Rides, Flight Simulators, Young Eagle Flights (Limited Private Event) for youth ages 8-17; will be given on first-come first-served basis (Register upon entrance to the event). Visit Gateway Youth Aeronautical Foundation And Historic Aircraft Restoration Museum
- June 10th EAA Chapter 32 Young Eagles event at St. Charles Regional Airport
- June 28, 6:00pm – 7:30pm Post 9032 Officer Transition Meeting at Boeing Co, 6300 James S. McDonnell Blvd, Berkeley, MO 63134
- July 5, 6:00pm – 7:30pm AE Post 9032 for AirVenture Training + Logistics Meeting at Boeing Co, 6300 James S. McDonnell Blvd, Berkeley, MO 63134
- July 24-30, 2023 Aviation Explorer Camp at EAA AirVenture coming up. Note: It looks like there are enough AE post Advisors to help out at the Aviation Explorer Camp during Airventure. Please let us know if you're interested in attending. It's a great opportunity to be a part of a very special experience. AE Advisor Chrissy sent out notice to all explorers: "AirVenture registration is now OPEN! Materials must be in by May 15th except for medical. You can

sign up at the link below. Camp cost has risen to \$280. Please fill out the survey I sent out if you plan on going! If you have not yet told me that you want to go to Airventure, please fill out this survey ASAP! We have 20 spots at camp and I have 15 people who have said they plan on going. We may have reached our limit of 20. If you have any troubles with the CampDoc website please let me know. [Camp Operations/Registration](#) | [Aeabase \(aviationexplorationbase.org\)](#)

- September 20, 2023, 6:00pm – 7:30pm Aviation Explorer Post 9032 Open House!

Recently Completed Activities:

- May 13-14th Scott Air Force Base, Illinois hosted a free Airshow & STEM Expo featuring the U.S. Navy's Blue Angels. AE Post 9032 had a STEM table exhibit on Saturday of the two day event. Large crowds were in attendance on both days and were able to enjoy the exhibits and airshow despite a somewhat shortened schedule due to the weather.
 - EAA Chapter 32, had the RV-12 (N32YE) flown in by pilot/ builder Dave Doherty, to Scott AFB for static display. Dave and Jim Hall staffed a booth showcasing EAA aviation outreach: including Young Eagles events, scouting Merit Badge activities, Flying Start Day, Aviation Explorer Post 9032 Advisors, aircraft builder support, aviation career options and other initiatives.
- May 3rd @ Boeing Prologue Auditorium Building 101; Aviation Explorer Post 9032 Officers (President, VP, Treasurer, and Secretary) Elections. Then the explorers tested their aeronautical knowledge by playing 'Aviation Jeopardy'. It was a fun time for both post members and advisors.
- April 22nd Wings of Hope is providing their "SOAR into STEM" program; registration required for 30 students; aviation learning each Saturday starting on March 25th and culminating with a Career Exploration Fair from 10am to noon on April 22nd.

- April 19th @ 6pm the Aviation Explorers meeting was held in Boeing building 100 and post member Jacob Garvey spoke about also belonging to the Civil Air Patrol by sharing his experiences with that group.
- April 15th St. Charles County Regional Airport (Smartt Field) is hosted an Open House and Auto Show on the tarmac. EAA Chapter 32 members provided food (breakfast and lunch) and had the ARC open to answer aviation questions.
- April 8th Chapter 32 Young Eagles event at St. Charles Regional Airport was the first regular YE event this year.
- April 5th @6pm, Creve Coeur Airport: Gateway Youth Aeronautical Foundation (GYAF) hosted the Aviation Explorers in their facility letting them use their very nice flight simulators. The explorers 'flew' various aircraft assisted by flight instructor; "Mr. Bill" who said while coaching one student, if they 'were intending to make a water landing' with the fixed gear C-172 as it approached touchdown. Everyone watched as another youth rolled an F-15 and recovered as he enjoyed the fast jet capabilities. Then, explorers and advisors went to Piston Aviation Flight School where they showcased their hanger and office facilities and allowed the explorers to sit inside the training aircraft while they answered questions and shared their training philosophy. One of their flight instructors shared his thoughts on working with aviation students to find out their goals and how he can best assist them in reaching them. He also encouraged the explorers to apply for the many aviation scholarships that are made available each year. Libby shared her experience in reviewing scholarship applications for the 99's and how important it is for applicants to share their 'passion' for aviation.
- March 15th at 6:00pm. Met at the Boeing Building 100 Prologue room auditorium. The topic this week was Flight Schools, Scholarships, Jobs, and Airventure! AE Post Officers shared information on ways to get money for flight training, opinions on the local flight schools, and opportunities they have found around St. Louis. Then Chrissy (advisor) talked about how students can sign up to go to Airventure this year. She went over cost, timeline, sign up forms needed, and about the experience!
- March 11th EAA Chapter 32 held a private Young Eagle event at Creve Coeur Airport to complete the youth training for the Gateway Youth Aeronautical Foundation; which put on a free, 8 week "Intro to Flight Course" that started January 21st. When

finished the eligible youth get a \$500 discount at Piston aviation. For the event, five Chapter 32 pilots brought their airplanes and working with ten ground safety volunteers, flew the 17 youth to introduce them to an aviation experience. At least two AE Post 9032 youth also worked the event helping to safely escort passengers to/ from aircraft. Parents had many questions answered by chapter members about how to find and get involved in aviation activities to help youth explore options and the many opportunities in aeronautical career fields.

- March 1st There was a good turnout and thanks to Wings of Hope for giving post members a tour of their hangar and telling us about their mission! We had a great time and many of our explorers can't wait to get involved.
- February 25th The 41st annual Light Sport Symposium to be held at the SWIC Granite City campus. It is a free event with lots of great speakers from 8 to 3 pm. EAA Chapter 64 is providing breakfast and lunch. Each meal is \$10. We will not have an organized attendance, but if this interests you, it sounds like a great time!
- Feb 15th; Airframe & Powerplant (A&P) speakers - learn about being an aviation maintenance technician at Signature Aviation in Spirit of St. Louis Airport. The hangar that we will be meeting in is heated. We are planning to talk and show a few pictures on a large screen TV. Then we can walk to see a couple of airplanes that are in adjacent hangars that are undergoing maintenance. Thanks so much to our advisors Curtis and Bryan for sharing their experiences in the aviation maintenance field and showing our explorers some current projects!
- February 1st 6:00pm at Boeing Building 100 - Prologue Room Auditorium for Boeing Engineering in Aviation panel spoke about the roles they have held across Boeing and how they got there. Roles may include Phantom Works, Flight Test, Simulators, Design and more. The six Boeing Engineers; three women and three men; most of them relatively new in their careers, were presented questions asked by the host and audience. Queries were made about their career choices and experiences.
- January 19th 6:00pm at EAA 32 Aviation Resource Center to talk about homebuilding aircraft with the people who are currently building them! One of our advisor's, Chris, will show us his Zenith project.

Aviation Explorer Post 9032 Activities Update for May, 2023 (Continued)

Update on EAA and Other Aviation Scholarships

NOTE: Look ahead by gathering information for filling out scholarship applications and plan on including demonstrations of your "Passion" for pursuing aviation by listing your demonstrated participation in aviation activities throughout the year. Next round of scholarships will be here before you know it!

Are you interested in pursuing flight or a career in aviation or an aviation-related field? We encourage well-rounded individuals who are involved in their school or community and interested in the world of aviation to apply for an EAA scholarship.

<https://www.eaa.org/eaal/learn-to-fly/scholarships>

Tentative dates for Aviation Explorer Post 9032 meetings and activities are on the website calendar: <https://www.aepost9032.org/>

The AE post officers have had a lot of great stuff lined up this year and are working on arranging even more.



Proposed Agenda: Each month the usual schedule (flexible around other activities):

- 1st Wednesday; 6-7pm General Meeting in Boeing Bldg. 100 Auditorium
- 2nd Wednesday; 6:30 & 7pm Post Officers and Advisors Virtual Online Meetings

Note: the AE Post Officers and the AE Post Advisors Virtual Meetings have been combined into the same evening; to enable better synchronizations of future activities.

- 3rd Wednesday; 6-7pm Guest Speaker or offsite Activity (day/ date subject to changes)



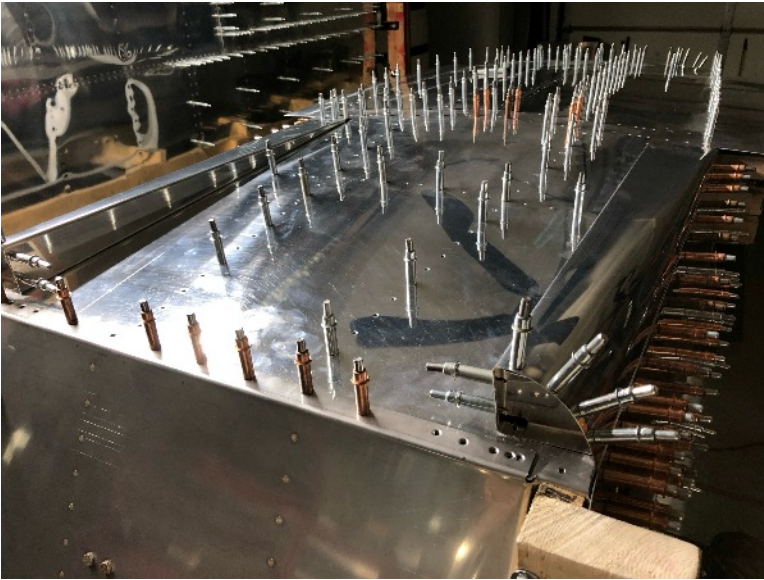
EAA Chapter 32 Calendar of Events

May 18 to June 10, 2023

- **May 18th, Thursday a Home School Group Tour of St. Charles County Regional Airport**, including the EAA Chapter 32 Aviation Resource Center; per Dennis Wiss, Airport Manager; “we’re scheduled to have about 38 youngsters, ages 7 – 17, and about 20 parents coming out for a tour of the facility. The first group is to come out at 10 AM then the second group at 11 AM. I’d like to start the first group at the EAA and with the Flying Service then move to the CAF at 11 or so. Then second group goes to EAA/Flying Service at 11 then to CAF. First group will come back to terminal after CAF visit.” “The plan is to get a plane or two and instructor(s) from St. Charles Flying Service out front of EAA to meet and talk with the groups.” EAA 32 will have display materials and present aviation career options and scholarship information.
- **May 20th, Saturday 10am EAA Chapter 32 Meeting/ Gathering at the ARC** with Denny Woods who will give a presentation on ceramic coatings, paint correction and detailing, etc. Among other projects, **Wood’s Detailing** has recently worked on the ‘Air Force One’ aircraft (now in a museum) that was used by President Ronald Reagan. You won’t want to miss hearing how they can make paint shine again and help to preserve the finish.
- **May 20th, Saturday 11am to 2:45 Chapter 32 will host a “Flying Start” event** as part of the culmination of the EAA’s “**Learn to Fly**” Week which featured daily webinars for everyone who dreams of flying. Chapters have been asked to share their love of aviation and for those who have pre-registered (Chapter 32 had a limit of 11 individuals). EAA Flying Start is a chapter hosted program which welcomes, inspires, and educates aspiring aviators about their pathway to becoming a pilot. The program consists of an EAA-prepared PowerPoint presentation, which the hosting chapter customizes with information about their local chapter and flight training resources. The event is capped off with a free introductory Eagle Flight with an EAA volunteer mentor pilot. Chapters that host a Flying Start event on May 20 will receive additional promotional support from EAA, and will be given two weekly passes for EAA AirVenture Oshkosh 2023. Events must be registered on [FlyingStart.org](https://www.flyingstart.org).
- **June 3rd, 10am – 4pm for Youth Aviation Day at Creve Coeur Airport!** Activities to include: Aviation Career Fair, Special Guests, Airplane and Helicopter Displays, Young Eagle Flights, Discovery Flights, Huey Helicopter Rides, Flight Simulators, **Young Eagle Flights (Limited Private Event) for youth ages 8-17; will be given on first-come first-served basis (Register upon entrance to the event).** Visit Gateway Youth Aeronautical Foundation And Historic Aircraft Restoration Museum
- **June 10th EAA Chapter 32 Young Eagles event at St. Charles Regional Airport**

Chris Santschi's RV-4 Project

Left wing skin riveting, fwd fuse finishing, belly skin ready to rivet. starting left flap. RV 4 and panel
Garmin Gtr200 comm, Garmin





EAA CHAPTER 32 NEWS
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