



WELCOME

Welcome to October! As we transition into fall, September may have been a quieter month for our chapter, but we're ready to jump back into action. Despite the break, we're looking forward to the exciting opportunities October will bring. From local aviation events to our chapter activities, there's plenty to look forward to.

Though we had to cancel last month's meeting due to busy schedules, we're eager to reconnect, share stories, and make up for lost time. Let's get back to it and enjoy the cooler weather that makes flying even better! ✈

October 16, 2024

EAA Chapter 123 Meeting

Michael's Charcoal Grill

723 W. Wadley Ave.

Midland, TX 79705





The Grumpy Cub Takes Shape



As I dive into my ambitious project of building the “Grumpy Cub,” I can’t help but feel a mix of excitement and determination. This unique Super Cub, named after its mascot with a slightly smug expression, is destined to be more than just another aircraft—it’s a reflection of my passion for aviation and craftsmanship.

I recently received the fuselage, empennage, and landing gear kit, and after thoroughly inventorying all the components, I took the first big step: welding and fitting the fuselage together. Each piece feels like a puzzle coming to life, and the satisfaction of seeing the structure take shape is exhilarating. I’ve documented my progress in a build log on the EAA website, where fellow aviation enthusiasts can follow along with the journey.

Building an aircraft is no small feat; I estimate it will take me three to four years to complete the Grumpy Cub. Each moment spent in the workshop brings its challenges, but the joy of crafting something that I’ll eventually fly keeps me motivated. I can already envision the day I take to the skies in my very own creation, proudly displaying its quirky logo and bringing smiles to those who see it.

As I continue this journey, I’m reminded that aviation isn’t just about the destination—it’s about the experiences, the craftsmanship, and the community that surrounds it. I look forward to sharing more updates as the Grumpy Cub progresses, and I can’t wait to see where this adventure will take me. ✈





Aviation History Facts

First Commercial Flight

The first commercial flight took off on January 1, 1914, piloted by Tony Jannus. The flight was between St. Petersburg and Tampa, Florida, marking the start of modern air travel.

Source: *Smithsonian National Air and Space Museum*

The First Woman in Space

On June 16, 1963, Valentina Tereshkova became the first woman to orbit the Earth, aboard the Soviet spacecraft Vostok 6.

Source: *NASA*

Jet Engines Revolutionize Aviation

The first aircraft to fly using a turbojet engine was the Heinkel He 178, which flew on August 27, 1939, opening a new era in aviation speed and technology.

Source: *Aviation History Magazine*

Black Box Invention

The Flight Data Recorder, commonly known as the Black Box, was invented in 1953 by Australian scientist Dr. David Warren. It remains a crucial tool for understanding aircraft incidents.

Source: *Australian Government Department of Defence*

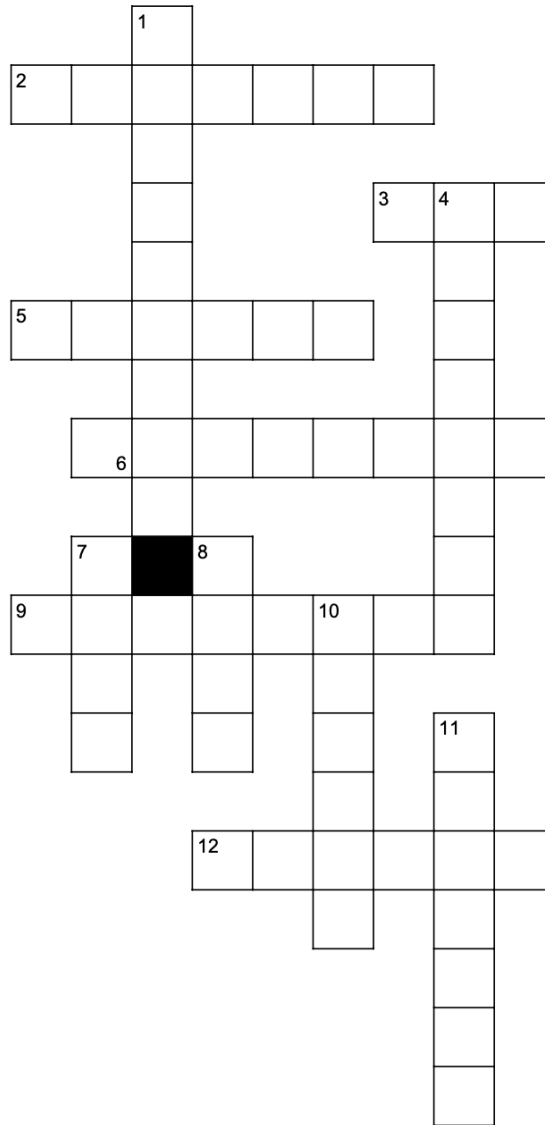
Fastest Manned Aircraft

The North American X-15 holds the record for the fastest manned flight, reaching speeds of Mach 6.72 on October 3, 1967, piloted by William J. "Pete" Knight.

Source: *NASA* ✈



Aviation Themed Crossword Puzzle



Down:

- 1. cockpit instrument that shows altitude
- 4. device used to measure the pitch, roll, and yaw of an aircraft
- 7. opposite of starboard
- 8. code used to identify airports around the world
- 10. country that launched the first man into space
- 11. city were the largest aviation event takes place each year

Across:

- 2. primary control surface for lateral balance
- 3. an aircraft's sideways movement
- 5. aviator who disappeared over the Pacific in 1937
- 6. what does the "V" in "V" speeds stand for
- 9. name of the first supersonic passenger jet
- 12. aviation pionee who built the first powered aircraft



Final Flight Notes

1. Monitor Your Mental and Physical Health

Fatigue, stress, and even dehydration can impair your decision-making and reaction times. Make sure you're physically and mentally fit for every flight. If in doubt, delay or cancel the flight—safety comes first.

2. Check for Wildlife Hazards

Fall can bring increased wildlife activity near runways. Be aware of potential hazards such as deer, birds, or other animals, especially during dawn and dusk flights. Always scan the environment during takeoff and landing.

3. Stay Vigilant with Crosswinds

Autumn winds can be unpredictable. Ensure you're up-to-date on your crosswind landing techniques and be prepared for varying conditions at different altitudes. Practice makes perfect when it comes to managing crosswind landings safely.

4. Pre-Flight Inspection with a Seasonal Twist

With changing weather conditions, it's crucial to double-check areas prone to wear and tear—tires, oil levels, and other components may need extra attention. Ensure that your fuel vents, pitot tubes, and engine intakes are free of debris or insects that can accumulate over time.

5. Night Flying Preparedness

As the days grow shorter, night flying becomes more common. Refresh your knowledge on night flight procedures, and ensure all your lighting systems are functional. Carry a backup flashlight and make sure your cockpit setup is optimized for low-light conditions.

Closing Message

As we transition into the cooler months and shorter days, it's a great time to reflect on how far we've come this year and what lies ahead. Whether you're preparing for night flights, staying sharp with safety practices, or simply enjoying the crisp fall air, let's remember to appreciate the joy of flight. Every day in the sky is a gift, and with that gift comes the responsibility to always stay vigilant and prepared.

Here's to safe flying and smooth landings—see you in the skies! ✈️



Community Corner



Call for Contributions: We're always looking for fresh ideas and perspectives to enrich our EAA chapter community! Whether you have a story to share, an event to announce, or an aviation-related topic you're passionate about, we invite you to contribute to our newsletter. Your input helps us create content that resonates with our members and fosters a sense of belonging within our aviation family. Have a suggestion for a future event, workshop, or project? Want to share your aviation journey or highlight a fellow member's accomplishments? We'd love to hear from you! To submit your contributions or ideas, please email kjgayneaux@gmail.com. Let's soar together and make our EAA chapter's future as bright as the skies above!

We look forward to an exciting 2024 and we are wanting to **grow our organization** to share aviation with more great folks in our community. We are currently updating our website, and I encourage you to check it out at chapters.eaa.org/ea123. If you are not already a member of our Facebook group, I also encourage you to join there as well facebook.com/groups/ea123.

Stay updated with any last-minute changes, join the conversation and receive timely updates regarding our meetings and events.

We look forward to seeing familiar faces and extending a warm welcome to newcomers at our future meetings! See you there!

Call for a Dedicated Volunteer

We are currently seeking a dedicated volunteer to step into the role of Young Eagles/Eagles Coordinator. This is a fantastic opportunity to inspire the next generation of aviators and contribute to our chapter's ongoing success. Responsibilities include organizing rallies, coordinating with pilots and young participants, and fostering a love for aviation within our community. Andrew has provided a comprehensive document outlining the tasks associated with this role, which will be included in this newsletter. If you're passionate about aviation and interested in this rewarding position, please reach out to us for more details, mccarthy.ac@gmail.com. [Skip to the Responsibilities Document by CLICKING HERE!](#) ✈️



Young Eagles Coordinator – EAA Chapter 123 - Description of Role

General duties

1. Build and maintain a list of participants for upcoming events in the order that they registered (to avoid line-jumping). This pool of future participants is the basis of the local Young Eagles (YE) program. It allows you to quickly form a YE Rally with 15-20 participating kids.
2. Respond in a timely fashion via email, Facebook, text and phone to discuss YE and Eagles programs and direct participants to the appropriate sign-up location online or add them to the list for upcoming events.
3. Follow all EAA rules and guidelines for the EAA program

Pre-event

Refer to EAA's Rally Planning Checklist: [YE GeneralSupport 2023 Digital YEHandbook](#)

1. Choose a date for the next YE event, in consultation with chapter pilots and volunteers
2. Gather a list of pilots who are available and willing to fly kids on the selected date (be sure the pilots meet requirements to fly YE)
3. Obtain permission from the FBO or location where the Young Eagles rally will be held and confirm with airport that no other major events are planned that might impact the YE rally (we have used Floris Flight Services at KMDD for the last several events – John Carnett typically asks Floris for permission).
4. Create a Young Eagles event on the yeday.org website (when you are working from a pre-registration list, I highly recommend you create a “Private Event” to avoid line-jumping)
5. Apply for free YE event insurance through the EAA website at least 30 days before the event
6. Order supplies: ensure printed materials are available for the event (in case iPad app doesn't work, paper copies of waiver will be required). Extra copies are a good idea because of writing errors made by parents and by EAA volunteers.
 - a. Young Eagles Registration and Waiver Form (Rev 06/21)
 - b. Young Eagles Engagement Guide
 - c. Young Eagles Promotional Brochure
 - d. Young Eagles Logbook
 - e. Young Eagles Certificate
 - f. Parent Ride-along liability form
7. When the event is confirmed (# of pilots committed, weather looks ok), begin to fill the event by calling or texting YE parents and directing them to the yeday.org website to sign up. This is best done 1-2 weeks prior to the event.

Event

1. Arrive ~1 hour before the first scheduled YE flight and set up laptop, printer, and iPad. Log onto Wi-Fi.



2. Arrange paperwork on table
3. Greet arriving parents and YE's
4. Ensure parents sign the waiver(s) needed, either on the iPad app or on paper
5. Match each YE with a pilot
6. Fill out logbooks and YE certificates
7. Greet returning YE's and parents and hand over the logbook and certificate, and explain the benefits available for free (see back of logbook for code)

Post-event

1. If paper forms were used, confirm all info was filled out on the forms (pilot info including EAA #)
2. Mail paper forms to the EAA
3. Provide post-event statistics to chapter leadership

Description of Role by EAA Chapter 123 YE Coordinator Andrew McCarthy, 5/13/2024

The End