

Welcome

EAA Chapter ###



 Flying Start

Housekeeping

Sign In - Please make sure you sign in so we can share today's presentation with you and set you up with a free Eagle Flight!

Restrooms - At the back of the hangar by the exit door.

Refreshments - Feel free to grab some at any time during the program.

Mission of Flying Start



Our goal is to walk you through the process of learning how to fly, answer your questions, inspire you, and welcome you into the aviation community!

Program Outline

WELCOME! We're excited you've joined us!

- **Introduction to EAA and our local chapter**
- **Why do we fly?**
 - Hear from some of our members
- **What does it take to become a pilot?**
 - Flight training process
- **How to start flight training?**
 - Aircraft
 - Instructors
- **Try it out**
 - Take an Eagle Flight!





EAA (Experimental Aircraft Association): We are...

A community of passionate aviation enthusiasts who promote and support recreational flying

 **Flying Start**

We serve the aviation community by...

Enriching the experience

- Local chapters – 900 strong!
- Events & activities
- Monthly museum speakers
- Knowledge and information resources
- EAA webinars
- EAA *Sport Aviation* magazine
- EAA AirVenture Oshkosh

Inspiring new participants

- Young Eagles
- Eagle Flights

Our Mission

To **grow** participation
in aviation

Government Advocacy

- Modernization of Special Airworthiness Certificates (MOSAIC)
- Medical certification
- Transition to new aviation fuels



EAA Chapter

- Established 19##
- ### members (2023)
- Chapter pancake breakfasts twice a year
- Flying Start once a year
- Young Eagles three times a year
- Ray Scholarship
- RV-12 Teen Build Project

What's on Tap for EAA Chapter

- **Monthly Gathering – Every second Thursday at 6:30 p.m.**
 - Homebuilding
 - Flight Safety
 - Pilot Proficiency
 - Aviation History
- **International Young Eagles Day – Saturday, June 10, at 9 a.m.**
- **Young Eagles Rally – Saturday, June 24, at 8 a.m.**
- **Complimentary chapter membership through the end of 2023**

Why Learn to Fly?

Why I Fly

(Customize with your own member's story)

- Once-in-a-lifetime experiences
- Viewing the world from a completely new point of view
- Personal travel
- Give back (Young Eagles)



Flight Opportunities

What interests you?

There are tons of great ways to fly!

What interests you?

Light-Sport



There are tons of great ways to fly!

What interests you?

Factory-Built Aircraft



There are tons of great ways to fly!

What interests you?

Vintage Aircraft



There are tons of great ways to fly!

What interests you?

Homebuilt



There are tons of great ways to fly!

What interests you?

Aerobatics



There are tons of great ways to fly!

What interests you?

Ultralights



There are tons of great ways to fly!

What interests you?

Soaring



There are tons of great ways to fly!

What interests you?

Seaplanes



There are tons of great ways to fly!

What interests you?

Rotorcraft



Let's talk requirements...

Private Pilot Requirements

- Must have an FAA medical or BasicMed
- Be at least 17 years of age (Solo at 16)
- Read, speak, and write the English language
- Pass FAA knowledge exam
- Pass FAA practical exam
- Log at least 40 hours of flight time before the practical exam

Sport Pilot Requirements

- Valid driver's license (medical eligibility)
- Be at least 17 years of age (Solo at 16)
- Read, speak, and write the English language
- Pass FAA knowledge exam
- Pass FAA practical exam
- Log at least 20 hours of flight time before the practical exam



Ultralight Pilot Requirements

- No certificate required
- No medical required
- Get proper training!
- Powered Parachute – 12 hours
- Glider – 10 hours
- Balloon – 7 hours

Let's talk privileges...

	Private *	Sport	Ultralight
Passengers	Yes	Yes – But only 1	No
Fly at Night	Yes	No	No
Airspace Restrictions	No – with additional ratings	Yes - endorsements required	Yes – prior authorization required
Earn Additional Ratings	Yes	Depends...	No
Altitude Restrictions	No – with additional ratings	Yes – 10,000 MSL or 2,000 AGL	Yes
Fly for Charity	Yes	No	No
Aircraft Restrictions	Can earn additional ratings/endorsements	Yes – must meet LSA definition (1320lb max, VNE 120kts, etc.)	Yes – Part 103 (55kts, 254lb empty, etc.)

Additional ratings can be added to earn additional privileges, such as IFR flying

Flight Training: The Basics

Types of lessons

- Ground – Classroom
- Flight Lessons – Behind the wheel

Exams

- Written Exam
- Practical Test (aka checkride)
 - Flight Exam
 - Oral Exam

Need a Medical Certificate?

Fact:

- 98% of pilots can work through any special circumstances to get a medical.
 - Private – 3rd Class Medical (Basic Med after that)
 - Sport Pilot – Driver's license
 - Glider/Balloon – None Required

We Can Help:

- When in doubt – reach out!
- Call EAA at **888.322.4636** about any chronic medical conditions or medications

Ready to schedule?

FAA.gov/Pilots/AMELocator

Require to complete your first solo...



Flight Training: The Basic Journey

Basic Skills and Solo

Basic Skills and Solo

- Turns
- Climbs and descents
- Stalls
- Takeoffs and landings
- Ground reference maneuvers
- Communications
- **FIRST SOLO!**

Cross Country and Navigation

Cross Country and Navigation

- Navigation
- Weather
- Flight Planning
- Dual Cross Countries
- Complete the FAA Knowledge
- Exam (FAA written)
- **SOLO CROSS COUNTY!**

Checkride Preparation

Checkride Preparation

- Refine and polish skills
- Practice checkride
- **PILOT CERTIFICATE!**



How to Train



Selecting a Landing Spot

Rent from a Flight School

- Pay by the hour
- No upfront costs
- Limited aircraft access (overnight for example)



Join a Flying Club

- Equity and non-equity clubs | Intro to aircraft ownership
- Upfront cost may be higher, but hourly cost lower
- Supportive community of fellow members

Buy your own aircraft

- Least common route
- Requires more in-depth knowledge of aviation
- High upfront and on-going costs
- Insurance considerations for CFIs

Selecting your Flight Instructor

Through a formal flight school

- Consider interviewing your options
- CFIs likely have a career track to consider
- Large Part 141 school will assign your instructor

Independent CFIs

- May instruct as a retirement job/side gig
- Do it for the love of aviation
- Likely option for aircraft owners

Flying Club CFIs

- Each club handles this process differently

Questions for a CFI

- What is your long-term goal?
- How long do you anticipate being around?
- What is your scheduling protocol?
- What does your lesson plan look like?
- What is your preferred method of communication?
- How many students do you have?
- How many students have you completed with?

Most Importantly – Remember that YOU are the customer, and it is YOUR money!

What supplies do I need?

Required Supplies

- Headset
- Logbook
- E6-B flight computer
- Aviation sectional and plotter
- Study materials
- FAR/AIM
- Airplane Flying Handbook
- Pilot's Handbook of Aeronautical Knowledge
- Airman Knowledge Testing Supplement Private Pilot

Optional

- iPad or another tablet
 - Foreflight (iOS only)
 - Garmin Pilot
- Flight bag/headset bag
- Online study course
- iPad or another tablet

The Dirty Details of Learning to Fly...



How much is it going to cost?

Private Pilot

Item	Rate	Total Cost
Aircraft	55 hours @ \$120.00	\$6,600
Fuel	6 gal/hr. for 55 hours @ \$6.50	\$2,145
Flight Instruction	45 Hours @ \$50.00	\$2,250
Misc. Supplies	\$500	\$500
	Total Investment	\$11,495

Sport Pilot

Item	Rate	Total Cost
Aircraft	35 hours @ \$120.00	\$4,200
Fuel	6 gal/hr. for 35 hours @ \$6.50	\$1,365
Flight Instruction	30 Hours @ \$50.00	\$1,500
Misc. Supplies	\$500	\$500
	Total Investment	\$7,565

Tips for saving money

- **Study at home and come prepared**
 - Learning at home is cheaper than learning in the airplane
- **Have a flight training “fund” to draw from**
- **Fly often – Keep the rust off**
- **Inquire about “block rates” with the flight school**
 - Purchase a block of time at a discounted rate.
 - E.g., Normal Rate: \$120/hr. | Block Rate (Min. 10 hours): \$100/hr.
- **Armchair fly and review cockpit layout from home**
- **Free online videos (Sporty’s, Boldmethod, MzeroA, Angle of Attack, etc.)**

Cost Comparisons

Item	Lifespan	Total Cost
Flight Training	Good for life!	\$7,500 - \$11,500
2013 Pontoon Boat	10 to 15 years	\$20,000
2020 Honda ATV	10 to 20 years	\$8,000
2018 Sea-Doo Wave runner	5 to 15 years	\$11,000
NFL Season Tickets (2)	One Football Season	\$3,000
Family of 4 Trip to Disney World	One Week (Memories for a lifetime...)	\$4,500 - \$10,000

How long is it going to take?

- Short answer is that it depends
- Factors to consider
 - Lesson frequency
 - Weather and aircraft maintenance
 - Everyone learns at a different pace

In the end it could take 3-18 months

There will be highs and lows!

This will be one of the most rewarding processes of your life!

- You will experience things very few have!
- You will learn an entire skill set and knowledge base
- You will join the less than 1% of the U.S. population that flies
- Your learning will NEVER end!
- A good pilot is always learning
- Not a matter of if, but a matter of when you'll face a struggle
- Lean on your aviation community
- It makes the journey all the sweeter



Local Flying Club

Winnebago Flying Club

Aircraft:

Cessna 172

Location:

**Wittman Regional Airport,
Oshkosh, Wisconsin**

Contact:

www.winnebagoflyingclub.com

info@winnebagoflyingclub.com



Local Flight School

Alexandria Aviation
Aircraft:

Cessna 172

Piper Tomahawk

Location:

Alexandria Municipal Airport,
Alexandria, MN

Contact:

www.AlexAviation.com

Eagle Flights: Come Fly with Us!

Join one of our pilots for a one-on-one introductory flight!

- The flight is completely free!
- Time to pair you with a pilot



Questions?

Now it's your turn.