

Welcome

EAA Chapter 75
Quad Cities, IA/IL



 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 - Across the Hallway, Charles Lindbergh's on left, Amelia Earhart's on right.

Refreshments - Donuts are available in the rear of the room. If you would like to have coffee, we ask that you use the Kuerig Machine in the lobby.

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 a Young Eagle Flight!



An aerial photograph of several experimental aircraft parked on a grassy field. The aircraft are of various colors and designs, including a prominent yellow one in the center with the registration number NC 16667. Other aircraft include a white one with purple wings, a blue one, and a red one. A white SUV is visible in the top right corner.

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

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

 **EAA** 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 - Youth (8-17)
- Eagle Flights – Adults (18+)

Our Mission

To **grow** participation
in aviation

EAA Chapter 75

- Established October 1, 1959 in Silvis, IL
- 265 members (2023)
- Summer Potlucks (June – August)
- Monthly Coffee & Donuts Social – 1st Saturday
- Monthly Chapter Gathering w/ Aviation Program
- Instrument Meteorological Conditions (IMC) Club – 1st Tuesday
- Visual Meteorological Conditions (VMC) Club – 3rd Tuesday
- Flying Start once a year (May)
- 167 Young Eagles flown by 17 pilots last year (2023)
- Ray Scholarship (5 consecutive years)
- EAA Air Academy (Oshkosh Summer Camp) Scholarships
- RV-12 Teen Build Project



Why Learn to Fly?

VIDEO

Why I Fly

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



And once you have tasted flight you will walk the earth with your eyes turned skyward, for there you have been, and there you would return."

~John Hermes Secondari

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 (online ground school prep)
- 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](https://www.faa.gov/Pilots/AMElocator)

Require to complete your first solo...

Flight Training: The Basic Journey

Basic Skills and Solo

Checkride Preparation

Cross Country and Navigation

Basic Skills and Solo

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

Cross Country and Navigation

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

Checkride Preparation

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

How to Train



Selecting a Landing Spot

Rent from a Flight School

- Most Common
- 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

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

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?*

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	60 hours @ \$135.00 - \$160.00	\$8,100 - \$9,600
Fuel	"wet" rates include fuel	
Flight Instruction	45 Hours @ \$50.00	\$2,250
Misc. Supplies	\$500	\$500
	Total Investment	\$10,850 - \$12,350

National Average for Private Pilot is 60-70 hours

Sport Pilot

Item	Rate	Total Cost
Aircraft	35 hours @ \$135.00	\$4,725
Fuel	"wet" rates include fuel	
Flight Instruction	30 Hours @ \$50.00	\$1,500
Misc. Supplies	\$500	\$500
	Total Investment	\$6,725



Currently no light sport aircraft in QCA
...but that may change in next 2 years.

Tips for saving money

- Study at home and come prepared;
 - Learning at home is cheaper than learning in the airplane (\$3 per min)
- Armchair fly and review cockpit layout from home **(Sporty's free cockpit poster)**
- Home computer flight simulators (X-Plane vs. Microsoft Flight Sim)
- Free online videos (Sporty's, Boldmethod, MzeroA, Angle of Attack, Aviation101, etc.)
- Fly often – Keep the rust off
- Have a flight training “fund” to draw from
- Inquire about “block rates” with the flight school
 - Purchase a block of time at a discounted rate.
 - E.g., Normal Rate: \$150/hr. | Block Rate (Min. 10 hours): \$130/hr.

Cost Comparisons

Item	Lifespan	Total Cost
Flight Training	Good for life!	\$7,500 - \$12,500
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

Scholarship Opportunities

- EAA Ray Foundation Scholarship –
 - Administered by EAA Chapters
 - Chapter 75 deadline for 2024 is Feb 16th
 - EAA75.org to apply
- **Other EAA national scholarships:**
<https://www.eaa.org/learn-to-fly/scholarships/eaafly-flight-training-scholarships>
- AOPA (Aircraft Owners and Pilots Association):
<https://www.aopa.org/training-and-safety/learn-to-fly/aviation-scholarships>

The screenshot shows the EAA website's navigation menu with 'Learn to Fly' highlighted. A dropdown menu is open, and 'Flight Training Scholarships' is highlighted with a yellow arrow. The main content area is titled 'Flight Training Scholarships' and includes a description, a deadline of March 1, 2024, and a list of available scholarships.

Learn to Fly

- Private, Sport, or Ultralight?
- Free Introductory Flights
- Aviation Scholarships
- Resources
- Flight Training Best Practices
- Sport Pilot Academy

Flight Training Scholarships

Dreaming of becoming a pilot or getting an additional rating? EAA can help your aviation dreams become a reality.

Apply Now Deadline: March 1, 2024 at 12:00 pm Eastern Standard Time EST

EAA's scholarships are supported by dozens of donors, benefactors, and others who "pass it forward" by endowing these programs. In all, EAA awards more than \$1 million in aviation scholarship money via various programs each year.

All applications are reviewed against the criteria for the individual scholarships and then awarded to those who show the greatest potential to be actively engaged in aviation.

EAA strives to provide scholarships that have a minimum award of \$5,000. Awards are made up of the following funds:

Tips for Submitting Your Best Application

- Start early and don't miss the deadline.
- Read the requirements and follow all directions, paying attention to the details.
- Proofread and review thoroughly before submission. Ensure your answers have correct grammar and spelling.
- Provide detailed answers to the essay questions that describe how you stand out from other applicants.
- Being a member of EAA and a member of an EAA chapter will make your application stand out.
- Volunteering for local organizations, both aviation and non-aviation related, will also highlight your application to the selection committee.

Frequently Asked Questions

Available Scholarships

Air Academy Alumni Scholarship	•
John S. Bradbury Memorial Scholarship	•
Friends of Pete Bunce Flight Training Scholarship	•
Adapt to Fly Scholarship	•
Cliff Chatwin Fund	•

FREE 2-DAY SHIPPING FOR EAA MEMBERS

GCA Gulf Coast Avionics

EAA Chapter 75 Ray Scholarship

- 1-2 page essay explaining your interest in aviation, career goals, why you believe you're the best candidate for receiving the scholarship
- Interview with Scholarship Committee Panel
- Chapter Volunteering – Ray Scholars are required to volunteer 2 hours per month supporting EAA Chapter
- Community Volunteering – Scholarship Committee is looking for strong youth
- **YOUNG EAGLE FLIGHT PLAN!**



Young Eagles Flight Plan



- Step 1 – Become a Young Eagle
- Step 2 – EAA Student Membership
- Step 3 – EAA AeroEducate
- Step 4 – Sporty's Learn to Fly Course (\$299 value)
<https://ye.courses.sportys.com/>
- Step 5 – First Flight Lesson (\$200 value)
 - Written Exam Reimbursement (\$175 Value)



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 Flight Schools

Quad Cities Aero

Training Aircraft:
Cessna 172 (2)

Location:

Quad Cities International Airport
Milan, IL

Contact:

<https://www.quadcitiesaero.com>

Revv Aviation

Training Aircraft:
Piper Cherokee Cruisers (2)
Piper Cherokee Warriors (2)

Location:

Davenport Municipal Airport
Davenport, IA

Contact:

<https://revvaviation.com/locations/davenport-ia/>

Local Flying Club

Flying Country Club

Training Aircraft:
Cessna 172 (1)

Location:

Quad Cities International Airport
Milan, IL

Contact:

<http://flyingcountryclub.com>

Quad City Area Flying Eagles

Training Aircraft:
Cessna 152 (1)
Cessna 172 (1)

Location:

Quad Cities International Airport
Milan, IL

Contact:

<https://www.qcfllyingeagles.com>

Questions?

Now it's your turn.