



The Parent's Guide to EAA Young Eagles Flights

It only takes 20 minutes or so. But when a young person becomes a Young Eagle, it can change a life.

After more than 1.6 million Young Eagles flights, we've seen lots of kids gain new focus, motivation, and maturity. For many, it becomes a lifelong passion.

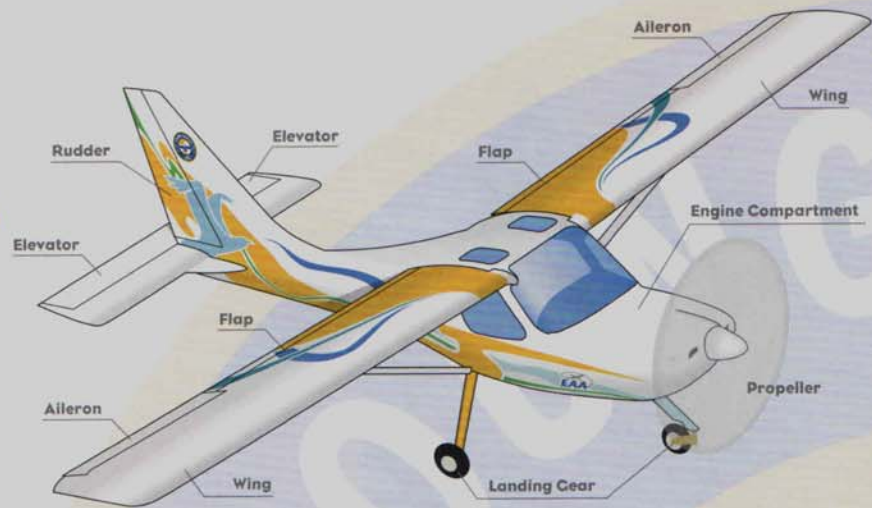
A pathway to lifelong learning
Today's flight is step one in the Young Eagles Flight Plan program—a series of learning opportunities that can take your child all the way from Young Eagle to certificated pilot.

A family connection
Most importantly, it's a path your family can follow together. Ahead are opportunities to make new friends, participate, and learn together as a family. And when it comes to the thrill of flight, we all feel like kids again.

We hope you and your family will remember this as a very special day. Meanwhile, grab your camera. It's time for your Young Eagle to fly!



Flying facts



What are the different parts of an airplane?

Airplanes come in many shapes and sizes, but they all have similar parts.

The body of the airplane is called the fuselage. This includes the cockpit, where the pilot sits.

Airplanes have wings to lift them up into the sky. On the rear side of each wing is a part that moves up and down called an aileron. Ailerons help the airplane turn right or left. Next to the ailerons are the flaps, which help the airplane fly slowly for landing.

Since airplane wings don't move up and down like a bird's

wings do, something has to make the airplane go forward. That's where the engine and the propeller come in. The engine turns the propeller and the propeller pulls (or in some cases pushes) the airplane through the sky.

At the back of the airplane is the tail. It sticks straight up like a shark's fin and has a part called the rudder. The rudder helps turn the nose of the airplane right or left. The flat, moveable part of the tail is called the elevator. The elevator makes the airplane's nose move up or down.



A typical airplane cockpit

The pilot controls the airplane by using a control yoke. The yoke lets the pilot move the elevator and ailerons. The elevator moves by the pilot pulling back and pushing forward on the yoke. This is how the airplane climbs or descends. When the pilot turns the yoke to the right or to the left, the ailerons on the wings move up or down. On the floor of the cockpit are pedals that operate the rudder. The rudder and ailerons work together to help the airplane turn smoothly.

The Four Basic Forces of Flight:

There are four basic forces that affect an airplane in flight...

WEIGHT: The force that keeps all objects on earth. If we pick up a ball and let it go, it will drop quickly to the Earth because of gravity.

LIFT: The force that an airplane must create to overcome weight. An airplane does this by creating lift with its wings as the airplane moves forward.

THRUST: An airplane's forward movement is produced by thrust. Thrust is created by the engine and the rotating propeller.

DRAG: Just as lift overcomes weight during flight, thrust must overcome the force known as drag, which resists movement of an object—in this case, our airplane!



about Young Eagles



What's this program about?

Have you ever wondered what it's like to fly? Young Eagles don't have to imagine what flying is like. You are invited to take to the skies and become a Young Eagle. Each Young Eagle becomes part of a special group of people who have shared in a common experience—the thrill of flying!

What do I have to do to become a Young Eagle?

If you are age 8 through 17, you and your parents or guardian should read through this brochure and complete the release/registration form before your flight. Once the form is ready, take it to your EAA pilot, who will prepare you for your demonstration flight. You can ask your volunteer pilot as many questions as you like. In doing so, you'll learn more about airplanes and the principles of flight. That's all there is to it. It's really that simple!

What will my flight be like?

First of all, your pilot will explain what you will do and see. This may include:

- Telling you about the airplane;
- Looking at an aeronautical chart and identifying points of interest you will look for during the flight;
- Completing a careful "walk around" preflight inspection of the airplane and identifying the parts that control the airplane;
- Helping you buckle your seat belt and describing the interior of the airplane, including the instrument panel.

You will see the earth and sky in a new and exciting way. You will experience the wonderful freedom of flight that many people only dream about. Many people remember this experience for the rest of their lives. You will, too!

Safety reminders

Millions of people fly safely in airplanes every year. However, an airport is not a playground. Listen and follow instructions given by your pilot and follow these simple rules when you are around an airplane:

- Stay away from the propellers;
- Listen carefully for instructions on entering and exiting the airplane;
- Do not touch any part of an airplane without the pilot's permission;
- Stay with your pilot or ground crew at all times.

Meet your pilot

The pilots who participate in the Young Eagles program are local members of EAA who are volunteering their time and aircraft to make your flight possible.

Each Young Eagles pilot is certificated with the Federal Aviation Administration (FAA), and all the aircraft utilized are also registered by the FAA. The flight will be conducted according to federal regulations. In addition, no aerobatic maneuvers will be performed.

EAA is a membership organization based in Oshkosh, Wisconsin. Our 170,000 members are dedicated to a mission of growing participation in aviation.



is the presenting sponsor of EAA's Young Eagles program

What's next?

After the flight, the pilot will present your newly minted Young Eagle with his or her very own pilot logbook, along with an entry for today's flight. It's a keepsake to be treasured in future years.

And inside that logbook, you'll also find information on how to activate a free EAA Student Membership.

When you get home

It's easy. Just go online to YoungEagles.org/join. Then use the unique code from your logbook slip to get your child signed up in just minutes.

That free EAA Student Membership, good through age 18, is a great way to keep your Young Eagle involved. It includes *EAA Sport Aviation* magazine online, e-newsletters, members-only website, Academy of Model Aeronautics (AMA) Student Membership, free admission to 300+ Science and Technology Museums, and much more.

The EAA Young Eagles Flight Plan Program

An EAA Student Membership is an important step in the Young Eagles Flight Plan program. Membership opens doors to valuable training and scholarship opportunities, starting with the Sporty's Complete Online Flight Training course—a \$215 value—at no cost.

Saying thanks to our sponsors

The EAA Young Eagles Flight Plan program is made possible through the generous support of our partners, including: Embry-Riddle Aeronautical University, Sporty's Pilot Shop, Academy of Model Aeronautics, Global Aerospace, Rolls-Royce, Lightspeed, The Jim and Angela Thompson Foundation, and ConnocoPhillips.

www.YoungEagles.org/join

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Inside your Young Eagles logbook:
Everything you need to get started in the
EAA Young Eagles Flight Plan program.

A special message from your chairmen

"The two of us come from different aviation backgrounds, but a passion for flight binds us together, as it binds us all within the EAA community. Through the Young Eagles program we look forward to sharing our passion with youth, both through our local EAA chapters and our individual efforts. We would like to add our own emphasis on training, preparation, and leadership to the EAA Young Eagles vocabulary."

Captain Sullenberger and First Officer Skiles are the pilots who successfully carried out the emergency ditching of US Airways Flight 1549 in the Hudson River January 15, 2009, saving the lives of all 155 passengers on board.



**YOUNG EAGLES PROGRAM
AGREEMENT TO WAIVE LIABILITY, ASSUME RISK, AND INDEMNIFY;
RELEASE FOR USE OF PHOTOS AND IMAGES**

The young person listed below (The "Participant") wants to take part in the Experimental Aircraft Association, Inc. ("EAA") Young Eagles program, including riding in an airplane. The Young Eagles program is conducted by volunteer EAA member pilots who are licensed by the Federal Aviation Administration ("FAA"). These volunteer pilots fly a wide variety of aircraft that are also licensed by the FAA. I represent and warrant that I am the Participant's parent or legal guardian and that I have the authority to enter into this agreement on behalf of the Participant. In exchange for being allowed to take part in the Young Eagles program, the Participant and I agree as follows:

ASSUMPTION OF RISK

The Participant and I understand that flying in airplanes and being around airplanes involves risks. Serious injury or death can result from many causes, including without limitation airplane crashes, falls, pilot error, ground crew error, engine or mechanical failure, negligent maintenance, defects in runways, interference by wildlife and other objects, difficult search and rescue conditions, inadequate emergency response, weather or terrain conditions, contaminated fuel, or hard or forced landings. Injuries could be minor such as bruises, scratches and sprains, major such as eye injuries, broken bones and concussions, or catastrophic such as paralysis, severe burns or death. If the Participant is old enough to understand these risks, I have explained them to him or her. **The Participant and I (for ourselves, our heirs, family members, personal representatives and assigns) assume all risks and full responsibility for any injury or death arising from taking part in the Young Eagles program including riding in an airplane.**

AGREEMENT TO WAIVE LIABILITY AND NOT TO SUE

The Participant and I (for ourselves, our heirs, family members, personal representatives and assigns) release and discharge: (a) Experimental Aircraft Association, Inc.; (b) EAA Aviation Foundation, Inc. ("Foundation"); and (c) the officers, directors, members, chapters, employees, agents, divisions, affiliates and volunteers (including pilots, owners and operators of airplanes used in the Young Eagles program) of each of those corporations (collectively, the "Releasees") from, and agree not to sue the Releasees or any of them for, any and all claims against any of the Releasees for any injury or death arising from the Participant's participation in the Young Eagles program. This release, discharge and agreement not to sue applies to all legal rights, including those resulting from any negligence of Releasees, other than those resulting from the gross negligence or willful misconduct of such Releasee.

INDEMNIFICATION

The Participant and I agree to indemnify and hold the Releasees harmless from any claims, costs, damages, and liabilities, including attorney's fees, arising from taking part in the Young Eagles program. **This duty to indemnify and hold the Releasees harmless applies even if any of the Releasees is negligent; however, indemnification of any Releasee is not required if such Releasee is grossly negligent or has engaged in willful misconduct.**

PHOTO AND IMAGE RELEASE

The Participant and I hereby give the Releasees the absolute and irrevocable right and permission to use photographs, pictures and/or images of the Participant taken at or derived from his or her participation in the Young Eagles program (the "Images") in whole or in part, with or without alteration or modification, in any and/or all manner and in any and/or all media, in connection with EAA's or the Foundation's activities, programs, publications and publicity.

LEGAL ADVICE

I know that I can talk to my legal advisor about this Agreement and I have either done so or chosen not to. I understand that I have the right and have been given the opportunity to object to and bargain about the provisions of this Agreement. **I am voluntarily signing this Agreement and intend it to be the unconditional release of all liability to the greatest extent allowed by law.**

Before Signing, Carefully Read This Entire Agreement

Note from EAA: If an accident were to occur, you and the Participant (by signing this Agreement) would be giving up legal rights and incurring legal liabilities. If any part of this Agreement is held invalid, the rest of the provisions shall remain in effect. If you do not understand anything in this Agreement, you should not sign it and you should talk to your legal advisor.

Parent or Guardian's Signature

Please Print Young Person's Name

Please Print Parent or Guardian's Name

Date

EAA YOUNG EAGLES REGISTRATION FORM

YOUNG EAGLE: Complete the upper portion of this form (outlined in red) and give it to your volunteer pilot.

PARENTS: Please read and sign the reverse side of this document before the flight.

PLEASE PRINT (IN BLACK) LIKE THIS: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

YOUNG EAGLES REGISTRATION

LAST NAME OF PARTICIPANT										FIRST NAME					MIDDLE INITIAL				
ADDRESS																			
CITY										STATE/PROVINCE		ZIP/POSTAL CODE							
DATE OF BIRTH (MM/DD/YY)			HAVE YOU PARTICIPATED BEFORE?*			TELEPHONE													
E-MAIL ADDRESS																			

*NOTE: Prior participation does not prohibit additional flight, but program goals give priority to new participants.

Note to Parent/Guardian: Please read and sign the reverse side of this form before the flight.

PILOT REGISTRATION

Complete and sign the lower portion of this form and make sure the reverse side is signed before the flight. Following the flight, send the form as soon as possible to the EAA Young Eagles office. Only registrations received at the Young Eagles office can be entered into the World's Largest Logbook.

YOUNG EAGLES PILOT I.D. NUMBER (Pilot I.D. issued after first registered flight)					EAA NUMBER														
LAST NAME										FIRST NAME					MIDDLE INITIAL				
ADDRESS																			
CITY										STATE/PROVINCE		ZIP/POSTAL CODE							
E-MAIL ADDRESS																			
AIRCRAFT					EAA CHAPTER					DATE OF FLIGHT (MM/DD/YY)									

I certify that I meet the guidelines for participation in the EAA Young Eagles program; I am a current EAA member, I hold a pilot certificate, valid medical certificate (if applicable); I am current in the aircraft I will fly and have a current flight review. I also have passenger liability insurance and the aircraft I will fly is in airworthy condition.

Pilot Signature _____ Date _____

SEND COMPLETED FORM TO:

Young Eagles Office • P.O. Box 2683 • Oshkosh, WI, 54903-2683 • 920.426.4831