



## Squadron 534 Youth Aviation Program

Created for young people interested in all aspects of aviation  
just like you!

Sponsored by the Mid-Florida EAA Chapter 534.



Designed for girls and boys from 10-17, this group meets in our EAA hangar every Saturday from 11:00 to 2:00 at Leesburg International Airport. Chapter and National membership is free for the youth through age 17.

This group of highly motivated kids enjoy learning about airplanes and aviation in general.

We conduct basic workshops covering:

- Flight dynamics
- Aircraft systems
- Basic FAA chart reading and navigation
- Mechanical aircraft assembly methods & tools
- Hangar, tool, shop & flightline safety
- Hands-on fabrication of planes in the hangar
- Aviation career presentations



*Mostly they have fun!*

### Hands-on experiences

All shop and airplane work performed by the youth is under the direct supervision of experienced fabricators.

Our youth have a lot of fun working on various airplane parts, assembly then watch the plane fly away as the planes are sold to help fund our chapter.



Ask Rosie our riveter! After five years into our youth program, she has applied fabric, stitched wings, riveted sheet aluminum, torqued propeller bolts and learned to fly. "Yes FLY"! See section on EAA Ray Scholars.



### Events & Projects

From time to time we have field trips to the other facilities, like the control tower and local aircraft-oriented businesses. The kids also participate in fundraisers like fly-in events. Additionally, the youth work on preparing small items to sell to pilots and mechanics like headset clips and high-end inspection cover kits with all proceeds going to the youth program.



## Flight simulators

In parallel to the project work, we provide very realistic flight simulator experiences for the youth. They learn to:



1. Plan a flight on an FAA Sectional Chart
2. Fly the plan on one of our two simulators with various wind components inputted by our pilot-rated instructors!
3. In some cases, the planned flight will be flown in real planes to demonstrate the discipline required along with the fun of flying.



*After working hard for several hours, all members break for much needed hydration and a healthy free lunch.*



## EAA Young Eagles

Each member will get **at least one free ride** in the front seat of a general aviation aircraft as part of our nationally sanctioned YOUNG EAGLES introductory flight program. To date EAA members have flown more than 2.2 million young folks internationally.



To witness the transition for our young eagles from anxiousness to great smiles of joy when they actually take the controls, is awesome!

They receive their own pilot's logbook and the opportunity to get free pilot training materials from **Sporty's Pilot Shop**.



## EAA Ray Scholar's grant



This unique offer from our EAA National organization, provides a \$10,000 private pilot scholarship for youth who belong to active EAA chapters who have shown character, drive, participation and dedication to do the challenging work to complete the training and get their FAA private pilot's license. Our chapter has produced three Ray scholars who have achieved their dream!

## Our Ambassadors for the Youth Program

As Ray Scholars, these dedicated members have completed their private pilot licenses and are working on the next levels like instrument and seaplane ratings. Congratulations Mateo, William and Chloe.

## Will You Be Next?

Mid-Florida EAA Chapter 534

Leesburg International Airport KLEE  
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Young Eagles: Jodie Soule j.soule@netcom.com  
Youth program: Marty Harris harpaq@hotmail.com  
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Note: all adults who work with the youth are required to complete youth protection policy training from EAA National which includes background checks