



Home of Squadron 534 Youth Aviation Program



NOTE: See update from Chloe last page

CHAPTER ACTIVITIES

9/17 – Young Eagles with new protocol
Inviting some CAP members for first flights

9/22 – VMC Zoom meeting

9/24 – Monthly meeting admin building @ 9:00
Great video planned
Also:C-47 will be on the SunAir ramp

10/1 – Chapter fly-in /
drive in breakfast
Will need help!



10/15 - Young Eagles

10/29 – Monthly meeting admin building @9:00

PRESIDENT:	Steve Tilford	skyguy@stc-inc.net
VP:	John Weber	ransfly@aol.com
+ VMC ZOOM	<i>(Visual Meteorological Conditions)</i>	
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President's Message



September is here and the Chapter is starting to get busier. Progress is happening in the hangar with cleanup of the loft classroom area, more organized lesson plans for Squadron 534 participants and some upgrades to our flight sims. I want to thank the Youth Program Committee and their helpers for their work. I'd also like to announce a new rating for Joel Hargis. He's now an officially licensed drone pilot. Congrats Joel!

Our first Young Eagle fall flight day is set for 9/17. We have 20 youth signed up to fly. There could also be a few 'last minute' sign-ups. So far there are 5 confirmed pilots but we need more! If your paperwork for flying Young Eagles is current and you would like to share in the fun, please let Jodie know. We have a fly-in, drive-in pancake breakfast coming up on Saturday, October 1st. We'll be using the rolling kitchen at the hangar and will need a number of volunteers for the event. It will be good to see the kitchen trailer again. Members have spent significant time in the hangar over summer, doing various other projects like cleaning, reorganizing and generally spiffing the place up. Remember our Hangar Manager, Andre, will be back in November for an inspection!

Elections are coming up. Anyone seeking a position as an officer or director should let Greg Nilson know before our October 29th meeting so candidates can be announced at that time and listed in the newsletter. Open nominations will be taken during the 10/29 meeting as well from members present. Voting will take place at our November membership meeting on 11/29 where votes will be counted and results announced at that time. Newly elected officers and directors will assume their duties as of January 1st 2023. If you've considered running for a Chapter office, this is your **opportunity**.
Blue skies and tailwinds,
Steve

David Hopkins warming up the grill for YE day!



Inspirational Quotes:

"Straight and level you fly the plane

Below the winged shadow dips and climbs with the terrain" – Marty Harris



SQUADRON 534 Youth Aviation Program updates!
I am pleased to report that the steering committee which includes our Ray Scholars, has made great progress refreshing the wonderful legacy of our youth group.

Unique Identification: New logo, shirts, hats and name badges with new colors *(Shirts have arrived!)*

Recruiting: Focused on Lake County schools and existing youth organizations *Recruiting & info fliers are printed with copies on 534 website*

Workshops: We all agree that aviation is a collection of disciplines for future aviators to absorb, including systems, assembly and building, tools and techniques. Youth will have planned presentations and hands-on workshops

Simulator: Formal flight planning and pilot instructor communications with headsets with potential for flying the flight-plans in a real plane



Maria DeStafano one of our future SIM instructors getting the hang of it!

Food service: committed crew for preparation, cooking and clean-up headed up by David Hopkins

Young Eagles: First-time YE will get priority front seat flying A non-flying plane will position in front for hangar for sample pre-flight demo for kids and parents! Our Youth group and members will engage visitors, kids and adults

Ray Scholarships: Hoping to pick-up more qualified youth as we grow the Youth population back next cycle

Admin: Need help with keeping Youth member's attendance and logbooks

Funding: We have monies in our treasury previously donated for Youth group This will be earmarked for activities and materials needed for the above

A debt of gratitude to John Weber and all the volunteers who will turn these words and ideas into reality. A special thanks to our **Ray Scholars** who bring brilliant ideas to the table with the important insight of their youth and experience

Marty Harris
Steering committee chairman



Young Eagles – Sept 17, pilots at 8:30 see section on YE elsewhere

Ray scholarship – we have a couple of candidates, announcement soon

Treasurer



Greg reports:

We now have **97 members in the Chapter**. We welcome the financial support and we hope that more people could come out on Thursdays and Saturdays to help on our projects.

If you need to send in your dues you can do that on our

website www.EAChapter534.org and click in the membership button and pay by PayPal. You can also send a check made out to EAA Chapter 534 for \$20 to:

Greg Nilsen
2856 Apache Ct
The Villages, FL 32163

SAFETY

Want to fly over John Travolta's house?



Better watch your altitude!



What obstacle do you see?

You Don't Know What You Don't Know!

John H. Weber, Technical Counselor

I heard this statement from a person involved in experimental aircraft for whom I have respect. He was making a presentation in Broadhead at the Pietenpol gathering. The more I thought about this statement, the more profound it became to me and it certainly has applied to me, as well. Case in point, after having had 2 engine failures with a 2-stroke engine, my father and I decided to go with a 4-stroke engine in our Rans S-12. Our choices at that time boiled down to either a Jabiru 80-hp or a Rotax 912 80-hp engine. We figured that the Jabiru would be about \$1,000 less expensive for the installation. Little did I know, we were comparing “apples to oranges”. The Jabiru was a direct-drive and, consequently, had to use a smaller diameter prop, versus the redrive on the Rotax that would swing a larger prop with more torque. We based the decision on the price difference and used the Jabiru. I later replaced the Jab with another Rotax 582 because the Jabiru didn't have the performance to be safe.

Another example with one of our chapter members involved his engine in his Zenith project. At that time, two different companies were making the conversion engine that he was interested in. He went with Brand AA versus Brand WW. The Brand AA used the starter on the back end of the crankshaft, versus Brand WW having the starter on the front of the engine. Later came reports that Brand AA were having crankshaft failures due to the placement of the starter. (Which Brand WW had tried and didn't find it to be safe.) Our member ended up replacing his conversion engine with an O-200 Continental that had a major overhaul.

Any new builder should take advantage of experienced people that he/she comes in contact with (i.e. experienced chapter members, tech counselors, A&Ps.) Even then, advice should be taken with a grain of salt and verified with a good source, like AC-43.13. The younger the builder, I think there will be a tendency to use online sources-like social media-to get ideas and advice. Here again-caveat emptor-anyone can be an expert on in the internet. Use reputable sources, like EAA videos and webinars, and people that have experience in the field that you are investigating. “Type Clubs” like the Broadhead Pietenpol Association, the Zenith flyers/builders forums and the RV forums can be a good source of information as long as there doesn't seem to be any controversy in the forum. If you have a particular question, it doesn't hurt to ask more than one opinion.

One of the benefits of home-building is that there is sometimes more than “one way to skin a cat”. For example, with a fabric-covered airplane are you interested in having that shiny, urethane finish that you can shave with (read high dollar) or will a latex paint job be functional and allow you to spend your dollars on that piece of avionics that might keep you out of trouble.

Bottom line-if you have questions, it is better to ask and perhaps get a few opinions before you make a mistake that will cost you time and money. Try to find **good sources** of information that you can trust before you plunge ahead.

Project Updates

Pietenpol - Greg

Piet work is inactive for now. Wings in overhead. Center section for wings next plus some landing gear work

Murphy Rebel – Mark



Mark says project in holding pattern to get working on the C150

SeaRey – Dale



New logo

Cessna 150 - Steve



150 work team includes Steve, Wayne and Mark



Update from our 2021 Ray Scholar, Chloe Kadletz

Hey guys,

It's Chloe! Things have been very busy since finishing my private pilot's license and seaplane rating. I am starting my fourth week of school to become a registered nurse. So far, it is going really well. We had our first exam Monday, and I was happy to receive a 94%. Woohoo! Thank you to all of you who have continued to support me and encourage me as I continue. The instrument rating is also coming along although with slower progress than I would like. I completed my stage check II today. Also, I have transitioned to studying for the check-ride. Hopefully, within short order, I will be scheduling it. I apologize for not being at the hanger more. I certainly miss the time there and hope to come again soon. Currently, I am working Saturday mornings, but it is still something on my mind and I look forward to being back again and seeing y'all's amazing progress. Thank you again to everyone for your support!! Y'all make the difference.

Chloe Kadletz



Chapter 534 Young Eagles

Sept 17th will be our first flights for the new season



- We will continue with our great **sign-up team** led by our chairman Jodie Soule.
- We will have **"Name tag stickers"** for all who are without our 534 tags. All members "adult and youth" will now help host and engage our Eagles and their families showing them the planes we are working on as well as flight SIM and chatting about the Youth Program.
- Our existing youth members will be wearing the new **"Squadron 534" T-Shirts**.
- Judie Betz and others will walk families around an **exhibition plane in front of hangar**, demonstrating a traditional walk-around and safety checks. This should save time for YE pilots.
- Starting Sept all **first time YE get front seat** for first flight.

We look forward to a great new season and many new youth members!