

EAA CHAPTER 534

Newsletter

Apr 2016

Projects Report:

Chapter Project Report

Business Meeting report

The Piet project is getting closer and closer to being runnable. The radiator steam return line at the top of the engine has been re-worked to be sturdier. The return line where it meets the engine block still needs rework on the fitting located there. Stacey is looking at making a stable metal platform for the fitting at that point and then silver soldering it to the head. Also, the magneto is now making spark! The pacing item on the engine will be the fitting Stacey is working on. Please also read the Special Notice at the end of these minutes.

The TM-5 is very close to being able to start up and run. Most importantly it needs a new battery. The most recent old is toast. After some discussion, and MM&S, the motion was approved to allow purchase of a new acceptable battery for \$100 or less. A couple of people were going to look around to see what batteries are available and will report back. With the battery in place the aircraft won't be flyable yet, but we should be able to start the engine and run it. It may also be possible to start up the engine sooner using a starter/charger unit. Thanks to John Weber the Chapter now has official ownership of this project.

As of Thursday a battery was purchased and installed. The next item to fix is rerouting the starter cable, hopefully we can try starting up soon.



EAA Chapter 534 Members Seen at Sun- N- Fun

By Ted Luebbers

Sun- N- Fun, Florida's General Aviation airshow and extravaganza, came to an end on Sunday April 10, 2016 after a week of intense immersion into everything related to flying. It was held at Lakeland Linder Regional Airport in Lakeland, Florida. This is an annual event and is reported to be the second largest general aviation get together in the United States. The Experimental Aircraft Association's AirVenture week is the largest general aviation event in the country and it takes place in July each year in Oshkosh, Wisconsin.

For many pilots and others that were, or hope to be, Sun- N- Fun is where they make an annual pilgrimage to see all the latest instruments, new and old airplanes, nostalgic warbirds and watch a thrilling airshow each day. You do not have to be a pilot to enjoy this event but a slightly better than average interest in anything aviation will have you wishing you could fly.

Many members of the Leesburg, Florida EAA Chapter 534 were found on the grounds of Sun N fun this past week trying to absorb as much fun and information about anything and everything aviation that they could.

One cannot possibly see everything in one or two days. You will probably miss some things even if you go there for all six days. If you decide to take some courses on how build wing ribs, learn something about welding, or how to cover a wing with the latest fabric that will cut into the time you hoped to have to visit the large hanger displays to investigate the latest instruments for flying.

There is so much going on and so much to see you have to set your priorities before you walk in the gate and put your entrance fee down. If you do not do this you will be constantly frustrated because you will be exposed to so many interesting things and you will not have enough time to explore them all.

Some Chapter 534 members volunteer to help out during Sun- N- Fun. For example, Frank McCutcheon was seen driving the tractor that pulled wagon loads of folks around the flight line and all the displays. This helped people get a quick overview of what was going on and then they could decide what they wanted to go back to. Jim Waymire was helping to check EAA members and their guests into the EAA viewing pavilion on the flight line to watch the airshow on Saturday.

Paul Adrien hosted a chili bash on Thursday evening after the airshow in the overflow camping area. Members of EAA Chapter 534 attended as well as some guest aviators from around the world and distant points of the compass within the U.S. Conversations were drowned out by airplanes overflying the campground but nobody seemed to mind. They just stopped talking and looked up to see what type of plane it was, then continued with their flying story.

An Explorer Post 534 member, Mateo Colmenero, came on Saturday with his parents, and they watched the airshow in the comfort and shade of the EAA pavilion where all members and guests were served free popcorn, water and ice cream.

It was fortunate that this year's event had good flying weather with sun every day. There was a constant drone of aircraft of all types flying overhead before and after the airshow. If you stopped to look up to watch every plane you were in danger of being bumped by someone hurrying to an aircraft building course or a person rushing to find a good seat for the airshow.

Those chapter members who attended Sun- N- Fun this year had a good time and many will return next year and years thereafter.



Paul Adrien, the gracious host of the EAA Chapter 534 Chili Bash at the Sun-N-Fun, in the camping area.



The Pitts Model 12 kit, called "Proton", put together by Jim Kimball Enterprises INC. of Zellwood, FL. that some of us saw during construction when we visited their facilities in January of this year is on display at the Jim Kimball display area. It has now flown 6 hours and is about to be turned over to its owner. Beautiful job!



Explorer Post 534 member Mateo Colmenero (center) attended Sun-N-Fun along with his parents and watched the Saturday airshow in the EAA pavilion on the flight line.



EAA Chapter 534 pilot Adam Yang who usually flies Young Eagles for us is now in his real life role of CEO of Progressive Aerodyne the makers of the amphibian Searey at his display area at Sun-N-Fun.



The Breitling Aerobatic Jet Team, the world's largest professional civilian flight performance group from Dijon, France, put on a great airshow that had you on the edge of your chair.



Teenager Mateo Colmenero, EAA Chapter 534 Explorer Post member dreams of the day he will get his pilot's license and be able to own and fly a plane like this restored T-28.

EAA Partners with FAA, Dynon for STC Breakthrough to Upgrade Safety, Reduce Costs for Aircraft Owners



Dear Chapter Newsletter Editor,

This STC is a major breakthrough in safety and affordability for EAA members. This is on par with EAA's landmark autogas STC work of the 1980s. Every member needs to hear about this landmark work.

Charlie Becker

Charlie Becker, EAA Lifetime #515808

Director of Chapters, Communities & Homebuilt Community Manager

Sonex completed, Building a Super Cub clone

www.facebook.com/PirateCub

EAA Chapter 252 President www.eaa252.org

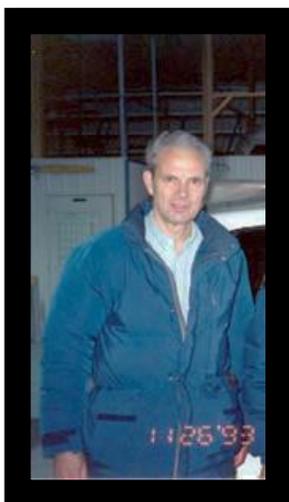
EAA—*The Spirit of Aviation*

EAA Partners with FAA, Dynon for STC Breakthrough to Upgrade Safety, Reduce Costs for Aircraft Owners

EAA, in partnership with Dynon Avionics and the FAA, has been awarded a Supplemental Type Certificate (STC) to install Dynon's EFIS-D10A in certain standard category aircraft. This breakthrough STC enables the inexpensive, but very capable, avionics that have served the experimental and light-sport worlds for decades to finally have a pathway into the type-certificated market. The Dynon system is a direct replacement for a vacuum-driven attitude indicator, and the STC currently applies to the Cessna 150, 152, and 172 series and the Piper PA-28 and PA-38 series. More aircraft are expected to be added soon.

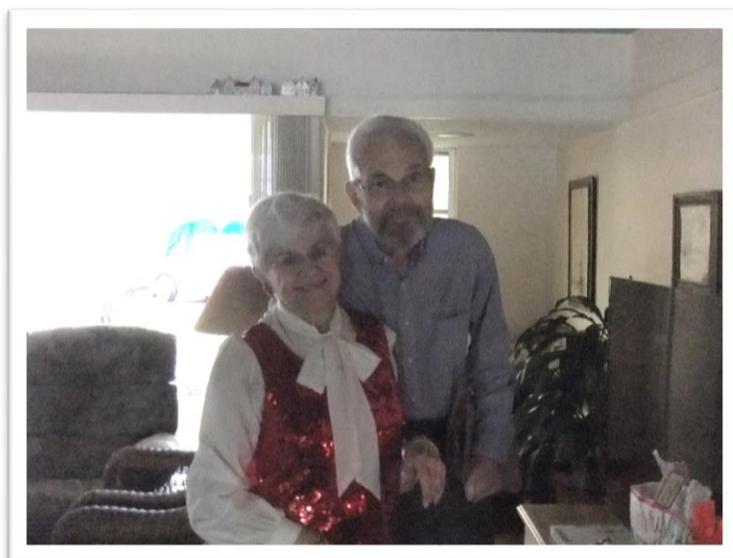
EAA worked extensively with the FAA and Dynon to show compliance with regulations and develop a new certification pathway for safety-enhancing equipment. The long track record of the D10A product line and its conformity to a variety of industry standards helped it become the first device accepted by the FAA in this pioneering effort. In addition to Dynon's proven reliability, the unit delivers a wealth of information to the pilot and even has an integrated angle of attack feature (with the installation of an optional probe). EAA installed the D10A in its 1976 Cessna 172M and submitted to a series of flight tests with an FAA test pilot, which went flawlessly.

EAA intends to begin selling the STC as soon as possible, hopefully later this spring, at a nominal price point in line with its existing auto fuel STC. In addition to the D10A, more products are actively being explored as EAA is willing to work with other manufacturers to bring down costs and reduce barriers to recreational flying. Stay tuned for more details!



*In Loving Memory
Of
Charles E. Schnitzlein
Aug 4th 1930 – April 17th, 2016*

*Charlie had been an active member for many years. He was a leader of our Thursday morning “hangar monkey” group. He was a former president of the chapter. Charlie was a detail person that made sure that the i’s were dotted and t’s were crossed when many of us went on a “flight of fancy”. He had previously built a Zenair 701 on amphibian floats. For Grace and I, personally, he followed our sons as they’ve grown up, and always made a point of encouraging them and asking us about them. We, and many of our chapter members who knew him well, will miss Charlie. **John Weber.***



Interesting Reading and Videos

➤ *America's Seaplane City*

APRIL 12, 2016 BY [AMELIA REIHELD](#)

<http://generalaviationnews.com/2016/04/12/americas-seaplane-city/>

➤ *Drones of the Future*

Raffaello D'Andrea

Autonomous systems pioneer

https://www.ted.com/talks/raffaello_d_andrea_meet_the_dazzling_flying_machines_of_the_future

➤ *Having it all!*

[Leesburg Florida Pilot](#)

APRIL 27, 2016 BY [AMELIA REIHELD](#)

FOR-SALE

➤ 2015 SeaRey LSX

70 total time hours since new! \$99,900 PRICED TO SELL!

Always hangered. Fly right now!

FRIESE AILERONS upgrade. Dynon D-180, Ifly 740 GPS, ACI landing gear warning system, Icom A210 radio, PS3000 Audio panel with recorder, Garmin GTX 327 mode C transponder, Viking 110 (Honda) engine, Warp drive 68" taper tip prop (great set-up). Back-up ASI, sheepskin upholstery, Monroy A300 traffic alert, All LED lights. Tinted canopies & windshield, vinyl graphics, 26-gallon tank, MATCO wheels, brakes upgrade, and 4 point seat belts.



Priced \$37,000 below the lowest priced factory Searey. Economy of this engine is unmatched; 4 GPH on regular auto gas. Flies beautifully!

Leesburg hangar being leased month-to-month and lease may be transferrable.

"I have personally flown almost every hour on this aircraft and have been thrilled with its performance."

Daniel Myers, CFI

For more information, contact Bill Starkey: 502-548-7156 or email: billssearey@yahoo.com.

Spend a Weekend in Oshkosh and Join the Party

You could be the difference in making EAA AirVenture Oshkosh 2016 the best year yet. Help us make the world's biggest fly-in come to life by volunteering at an upcoming [Weekend Work Party](#).

Volunteering at a Weekend Work Party is a simple, fun, and easy way to get involved in the aviation community. You'll spend a weekend day (or two) in Oshkosh connecting with people behind the scenes, forging new friendships, and helping the biggest fly-in in the world come to life. Duties vary but can include painting, building construction and remodeling, fence removal, grass cutting, tree planting, material staging, and more.

Volunteers are provided overnight accommodations in the EAA bunkhouse, daily meals, and Saturday evening entertainment.

Invite your chapter members, friends, and family to spend a weekend with us in Oshkosh!

Weekend Work Party Dates & Entertainment:

May 14-15:	B-25 Presentation, Chris Henry
May 21-22:	Photography 101, Erin Brueggen & Jim Koepnick
June 4-5:	Zenith Aircraft & Homebuilt Electronics, Kyle Voltz & Tom Charpentier
June 25-26:	CAF WWII Nose Art Exhibit Tour, Zack Baughman
July 9-10:	Pioneer Airport Tour, Jim Casper
July 16-17:	CAF WWII Nose Art Exhibit Tour

[More about work party...](#)

Ready to sign up? You can do so by [Register here....](#)



- **Oshkosh Trip** – There was discussion about trying to get a few Explorers to OSH this summer. Airventure has a 9-day program exposing them to the convention, but doesn't offer transportation. Given the rules for Explorer Posts this is not a simple matter and not just a few people. This will need more discussion.

- **Car Show in October** – Tracey Dean has notified the Chapter that Leesburg is trying to put together a car show at the airport in October. She has been in touch with Jodie with the basic plan and would like us to display at the show. It might also be an opportunity to host a Chapter Breakfast. More details to follow as we get them.

Chapter Meetings for May

- **May 21st - Young Eagles** We have been in touch with the new CAP Commander. They now have 21 cadets, 9:00 am *EAA Hangar, Leesburg International Airport* **VOLUNTEERS NEEDED!**
- **MAY 28 - Chapter Meeting: Speaker Paul Adrien**
9:00 am *Leesburg International Airport: Administrative Building*
"Pilot's Vision Test," a quiz to test your knowledge of current FAA Vision Requirements

EAA CHAPTER 534 OFFICERS:

President: Jodie Soule

Vice President: John Weber

Secretary: Steve Tilford

Treasurer: Ed Cihoski

Directors: Robert Vaughn, Steve Barber, Paul Adrien, and Joel Hargis

<http://www.534.eaachapter.org>