

The FlyPaper

February 2022

The Official Newsletter for EAA Chapter 477, Charleston, South Carolina



Words From the President

Hi everyone.

Hoping you're all safe and warm, We have a pretty good lineup for February with a couple of speakers. Glen will give a short explanation on the science of low lead aviation fuel to replace with an acceptable fuel. John Stoll has some information about building, He and his son just spent some time out at Oshkosh to learn some things. A trip report is also later in the newsletter.

Bill Grimes will be speaking in April about his Alaska adventure. By the way Bill is doing a major upgrade to his airplane.

We will assemble at the conference room in the terminal building for that part of the meeting and then head over to hangar #20 for our lunch. Last year's awards packet arrived, and we will pass them out at lunch time in the hangar.

Dow is working on the essay guidelines for our scholarship program. Please if you have some time to help, that would be welcomed. As soon as we established our procedures, I have several more corporate sponsors lined up to help.

Liz has several rallies in the works and our first Y E rally will be 2-19-22 at hangar 20, ALL hands on deck to help please. The in and out gate for that event will be at Ace Basin flight schools gate, The gate is at the north end of the building opposite of the Tuskegee airmen park. Todd has been very helpful in our efforts on the airfield, and we thank him.

Don Bennet and I took a trip in N2897M, (photos later in the newsletter) 1-12-22 to North Carolina. We flew into N26 and then over to KSOP, weather was perfect, COLD but perfect. 18 degrees when we arrived at Derby Aerodrome, there was almost enough frost on the grass strip to call it a ice way landing. {Almost}. On our way from N26 to KSOP, off in the distance we saw a military transport plane, then with about 40 jumpers out they came. A very cool site.

That's it for me in this one, be safe out there.
Doug



Doug St Pierre
President EAA 477



Upcoming Events

EAA477 Chapter meeting

We will have an in-person meeting on February 12th at KRBW starting at 10:00 AM BBQ to follow meeting. John Stoll will present highlights of his recent builder's workshop in Oshkosh. BBQ to follow.

South Carolina Breakfast Club:

Please use the following link to access the latest in scheduling:

<http://southcarolinabreakfastclub.com/2021-schedule>

Young Eagles Report

Liz Birch

Young Eagles Coordinator

This month we will be holding our first rally of the new year on Saturday, February 19th, flying Sea Cadets out of the Walterboro airport starting around 9am. We are still looking for volunteers to help at this event, ground volunteers in particular. If you are available to help out at this rally, or at future ones, please reach out to me and I'll add you to my volunteer list. As always, if you know of any kids or groups of kids that would like to go fly, have them contact me and I'll get something coordinated with them.

YE Coordinator

217-706-0148

lizbirch2331@gmail.com

January Meeting Summary

Glen Phelps

Ouch! At the last minute the Executive Committee decided to cancel the in-person meeting due to the significant surge in Covid cases across the Lowcountry. That was a tough decision, but until we could determine what was really going on, we felt it best. So.....not much to report here.

Not to discuss this to any length in the news, but many of us have family and friends that seem to have become victims to the virus since January.

Nevertheless, we did that in January, but we are back on for February.

Photos from Doug's Trip

Doug St.Pierre

These are some photos from Doug's trip mentioned in the President's comments.



Upcoming Aviation Events

Ron Malec

FAAST Blast - FAA Safety Briefing News Updates

As a subscriber to the FAA Safety Team Newsletter I will periodically provide updates on information that I believe will be beneficial to all members.

(A note to readers: only the upcoming airshows are listed as workload did not allow time for the normal contribution)

Airshow and Fly-in Schedule

•2022 Airshows / Fly-ins

- 02-03 Apr – Shaw AFB Thunder Over the Midlands, Shaw AFB (KSSC), Sumter, SC
[Thunderbirds]
- 05-10 Apr – Sun 'n Fun Aerospace Expo, Lakeland Linder International Airport (KLAL), Lakeland, FL [Thunderbirds]
- 09-10 Apr – JB Charleston Air & Space Expo 2022, JB Charleston (KCHS), Charleston, SC
[Blue Angels]

Trip Report

John Stoll

A week ago, my son and I attended the Fiberglass Techniques for RV Aircraft course held at EAA Headquarters in Oshkosh, WI. I flew commercially out to Kansas City, where my oldest son lives, on the Wednesday before. We spent Thursday working on the Vans RV-9A he is building and then we drove up to Oshkosh on Friday. It was in the teens in KC and single digits at Oshkosh. Having moved here from Ohio three years ago, I can tell you my blood has thinned. I really felt the chill.

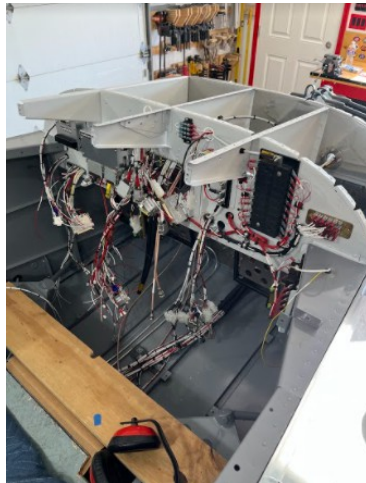
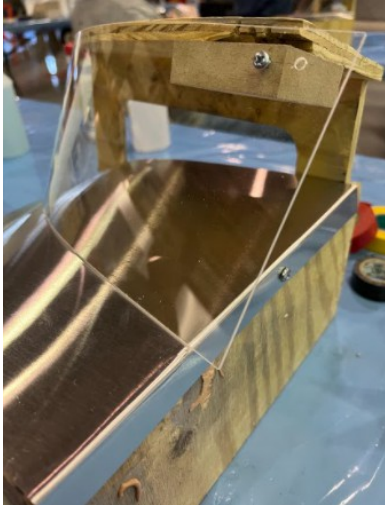
The class was held in the Kermit weeks hangar which is on the north side of the airport. The airport is deserted in the winter. We only saw one airplane outside during the two days there, an old Piper Navajo working as a freighter under an UPS contract. The tower is closed all year except for the week of AirVenture. They had the heat on in the hangar and it was cool, but comfortable with a sweatshirt on. Inside the hangar was their F4U Corsair getting a new paint job, their Ford Trimotor and B-25 Mitchell bomber, a recently donated full size, scratch built, replica Spitfire and some other planes they use for YE flights and aerial photography.

The instructor was very knowledgeable and experienced. There were lecture sections and hands on training. We learned about the types of fiberglass systems, construction, and repairs. We each had to make generic landing gear fairing using clay and fiberglass and later make fiberglass repairs to damaged wheel pants. Then we each started the process of building an example project of attaching a plexiglass windshield to aluminum skin, like a boot cowl. The projects were set up on a wooden form and we had to prep the plexiglass and aluminum. We applied painter's masking tape to the areas we didn't want to get fiberglass or paint on. We learned to make pre-impregnated strips of fiberglass. After prepping, we applied a very thin layer of adhesive to the skin and put down two strips of the pre-impregnated fiberglass and let it dry. They had a very large crate that they used as a heat box for speeding up the curing process. For the sake of saving time, we administratively skipped two steps of laying down some filler and some more fiberglass strips. We then mixed up some filler and put down the final layer of filler and sanded it after it cured. We also used leftover filler to finish off the fairing and repaired wheel pant. Once cured everything was sanded smooth and primed. The results were very good for everyone.

The course gave everyone confidence and experience in working with fiberglass. The instructor went over and passed around examples of fiberglass structures one can make using the same principles we learned in class. He went over the types and uses of filler material and we got to work with two epoxy systems to compare how they are different.

After the class was over around 3 PM on Sunday, we did a quick tour of the EAA Museum and headed back to

KC. We got back there about 1:30 AM Monday. We spent Monday and Tuesday working on the RV-9A and I flew back to CHS on Wednesday. Good trip and some good father and son time. Attached are pictures of the project we made, some of the planes in the hangar and my son's project.



Treasurer's Report

Aimee Pereira

Beginning Balance for November:	\$5,134.50	
Expenses	\$398.00	#1082 - Glen Phelps - reimbursement for EAA Chapter renewal fee
Deposits:	\$10.00	George Kerr
Ending Balance for November :	\$4,746.50	

Note: Total Earmarked for Young Eagles = \$85.00

A reminder that dues for 2022 are \$25.00 as of January 1, 2022. Dues payments may be paid in person at the next meeting or sent to the following address:

Aimee Pereira
107 Timberlake Ct
Summerville, SC 29485

If you are not sure if your dues are paid for 2022 or have any questions, I can be reached via email at:
aaa477.treasurer@gmail.com.