

The FlyPaper July 2023

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



Words From the President

We're just over a week into summer and so far, it is turning out to be a wet and hot one. On June 10th, we had our first Young Eagles rally of the year, and it turned out to be very good. I believe we flew 25 children, and that was just with three airplanes. Once again, Liz did an amazing job in coordinating and executing the rally. Without her work in the months and weeks in advance, it couldn't be done. I believe she has it down to a science. I really appreciate Tommy and Dave in bringing their planes to fly children. Tommy, with the Skylane, was able to take the bigger kids, and a full plane load. Thanks also go out to Ron, Dow, John Bradley and his mom, Johnnie, along with Amiee's son, Zach, and new member Thomas, who all took care of things on the ground. [Thanks for the donuts, Thomas.] Thank you everyone for your efforts for all the hard work and your personal time. The kids and parents enjoyed it and the day turned out quite successful. Liz is preparing for the next one in late October, probably the 21st. Also, two members from the Holly Hill EAA chapter dropped in to see how a YE rally works. They are looking a holding their first rally this fall too.

I'll host this month's meeting at my house in Summerville. After the general chapter meeting, we will go outside to my shop where everyone can take a look at my RV-8A project. Remember, I'm open to critiques and suggestions if you see something that doesn't look right.

Later in July is AirVenture, they should be having some interesting ongoing things this year. Hopefully, anybody that is going from here has good weather during their time up there.

In the meantime, I hope to see you at the meeting, Saturday, July 8, at 10 AM. My address is 4022 Cascades Thrust in Summerville. Feel free to park in the driveway or the street. The door on the front porch will be open.

Stay safe, John



John Stoll
President EAA 477



Upcoming Events

EAA477 Chapter meeting

The July meeting will be held at the home of our President, John Stoll. Following the meeting we will take a look at his RV8A which he is building. Note the address in the President's report.

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

Happy 4th of July, well almost. We had an excellent Young Eagles rally on the 10th of June. We will be doing a “debrief” before the next one to see if we can even improve on our past experiences. As for the next rally, we are hoping to have it in October and are working toward that goal.

Enjoy you July 4th celebrations!

Liz Birch
YE Coordinator
217-706-0148
lizbirch2331@gmail.com

Aviation Scholarship Program

Dow Sanderson

Again, things will be quiet until the next Ray Scholarship cycle. Stay tuned for when we get back into the cycle.

Blue Skies,

Dow Sanderson,
Scholarship Chair

June Meeting Summary

Glen Phelps

Unfortunately, I was traveling on business when the meeting took place. From the information I got to present in this report, it looks like I missed a great meeting.

It couldn't have been a better day to have a rally! The weather was perfect.

Pilots flying this day were John Stoll in his Grumman Tiger, Dave Turner in his Cessna 172 and Tommy Newland in his Cessna 182. A great pilot briefing was held at the start of the event and this kept the course and plane positions in a safe distance during the entire event.

Dow Sanderson was supposed to fly for the event, but at the last minute, the plane he was to use was taken down for maintenance purposes. But, he along with John Bradley performed the very important role of safely getting Young Eagles to and from the planes they were assigned to as well as communicating any potential safety issues with the pilots via hand held radios.

Liz Birch was on top of the game and did an excellent job of getting all of the preregistered Young Eagles to their assigned pilots along with making sure all paperwork was complete and accurate. She was assisted by Johnnie Len throughout the event.

Everybody was a star of this show! But especially hats off to Liz Birch for her overall command of the event.

In all, 27 Young Eagles were flown in a flawless event. We are looking to top off this event in the fall with our next rally!

Here are some pictures taken during the day:



Aviation Safety and Upcoming Events

Ron Malec

FAAST Blast - FAA Safety Briefing News Updates

As a subscriber to the FAA Safety Team and the NASA Aviation Reporting System 'CALLBACK' Newsletters, I will share updates and information that I believe will be beneficial to all members.

General Information

In the summer the weather in the Low Country can change in a moment's notice do you know what to do if you enter IMC? Here's some information on doing Course Reversal in IMC.

• Course Reversal in IMC -

It's a maneuver the VFR-only pilot should practice, but probably doesn't.

By Jeb Burnside -Published: August 30, 2021 in *Aviation Safety*

We've long maintained that one of the best ways for a pilot to enhance his or her aviation risk management is to earn and use the instrument rating. This is especially true if the pilot in question has plans to use their pilot certificate for transportation on anything resembling a schedule. That's because the skills, knowledge and experience gained by earning the rating simply help make any flight beyond an airport's immediate environs more predictable and less risky.

A distant cousin, twice-removed, of the instrument rating is the 180-degree course reversal using the flight instruments alone. Current FAA regulations require every private pilot to have three hours of simulated instrument time before certification, to include "straight and level flight, constant airspeed climbs and descents, turns to a heading, recovery from unusual flight attitudes" and navigation/ communication skills. To us, that's pretty much a bare minimum of instrument training if you plan to travel; it's probably sufficient if you plan to use the certificate only in good VFR near the departure airport.

If there's a problem with that rule, it's that there's no real requirement to revisit that training, since maneuvers and procedures performed during the flight review are at the instructor's discretion. That's as it should be, since someone

flying a Piper Cub likely doesn't have flight instruments, anyway, and imposing some minimum instrument time on them would be unreasonable. But it's not unreasonable for a pilot flying something else in search of the perfect \$100 hamburger to receive some remedial instrument training during the flight review.

If nothing else, the 180-degree course reversal flown by reference to the flight instruments is something that VFR-only pilots should revisit at least as often as during their flight review. It's a maneuver flight instructors should plan, brief and work on with their students to achieve competency.

VFR Into IMC: Course Reversals

According to the FAA's Flight Training Handbook (FAA-H-8083-3B), "The first steps necessary for surviving an encounter with IMC by a VFR pilot are as follows:

- Recognition and acceptance of the seriousness of the situation and the need for immediate remedial action;
- Maintaining control of the airplane; and
- Obtaining the appropriate assistance in getting the airplane safely on the ground.

When performing a turn after inadvertently encountering IMC, the IFH tells us, "A shallow bank takes very little vertical lift from the wings resulting in little if any deviation in altitude. It may be helpful to turn a few degrees and then return to level flight if a large change in heading must be made. Repeat the process until the desired heading is reached. This process may relieve the progressive overbanking that often results from prolonged turns."

• **New Pilot Minute Video Covers Importance of Reporting Disability Benefits**

In the latest Pilot Minute video, FAA Federal Air Surgeon Dr. Susan Northrup discusses the importance of reporting disability benefits in MedXpress and how it could affect your medical certificate. The video notes how some pilots fail to inform the FAA of the medical reasons for receiving disability benefits.

"Disability benefits may be awarded for conditions that would require you to be evaluated before flying," says Dr. Northrup. Watch the latest Pilot Minute video: [Pilot Minute: Why is it important to report disability benefits in MedXpress?](#)

• **Footage of Lockheed VC-121A Constellation "Bataan" returning to flight**

Gorgeous footage of the first flight of Lockheed VC-121A Constellation "Bataan", which once served as the personal transport for General MacArthur, has been uploaded by Skyes9 on YouTube:

[Lockheed VC-121A Constellation 'Bataan' returns to Flight](#)

Airshow and Fly-in Schedule

• **2023 Airshows / Fly-ins**

- **18-24 Sep 2023** – 16th Annual Triple Tree Fly-in, Triple Tree Aerodrome (SC00), Woodruff, SC
- **30 Sep 2023** – NC Aviation Museum & Hall of Fame (NCAMHOF) Annual Fly-in, Asheville Regional Airport (KHBI), Asheville, NC
- **12-15 Oct 2023** – Carolina Virginia Antique Aircraft Foundation (CVAAF) Fall Fly-in, Woodward Field (KCDN), Camden, SC
- **Nov 2023** – Warbirds Over Monroe,

Photos

- **Augusta Airshow** – After a 23-year hiatus Augusta hosted an airshow at Augusta Regional Airport [KAGS] on 13-14 May 2023. Practice day on the 12th was pretty much a washout due to weather. After an iffy start to the day on Saturday, the weather cleared and the airshow was on. Here are a few photos from the Saturday show.



Kevin Coleman



F-16 Viper Demo

Greg Koontz



Buck Roetman



USAF Thunderbirds



- **Warhawk-Shootout** – On the weekend of 16-18 May I had the opportunity to participate in the 1st Warhawk-Shootout for photographers at the American Dream SkyRanch (18SC) outside Ninety-Six, SC. Here are a couple of photos from that event.



Night Shoots

Until next month – Blue Skies - Stay Safe and Fly Safe

Treasurer's Report

Aimee Pereira

| | |
|------------------------------|------------|
| Beginning Balance for June : | \$4,587.12 |
| Expenses | \$0.00 |
| Deposits: | \$0.00 |
| Ending Balance for June: | \$4,662.12 |

Note: Total Earmarked for Young Eagles = \$200.00

Dues for 2023 will be \$35.00 and payments may be paid in person at a 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: caa477.treasurer@gmail.com.