

2018 Calendar of Events

Meeting dates, all meeting at 2:00 pm
at the Hawk Building

Sep 15th

SWORFI - TBD

Oct 20th

Nov 17th

Dec TBD

News From Headquarters

EAA Flight Training Scholarships Now Accepting Applications

September 5, 2019 - Flight training scholarships from the EAA Aviation Foundation are now accepting applications through November 1, 2019. Applications are open to all ages, for any flight school in the United States, and for any rating or pilot certificate. Applicants need not be an EAA member.

More information on the scholarship opportunities and application guidelines are available at EAA.org/scholarships. These are among the numerous scholarships offered through the EAA Aviation Foundation, as well as other programs such as post-secondary education scholarships and the Ray Aviation Scholarships that support flight training candidates through EAA chapters.

"Aviation-minded individuals and organizations see flight training scholarships as a way to give back to the world of flight by supporting those who are pursuing their dreams," said Ken Strmiska, the EAA Aviation Foundation's vice president of philanthropy and donor stewardship. "As we see a growing number of success stories associated with these scholarships, we invite others to join us in building the next generation of aviators."

Scholarships are required to be used within one year of the award date. The minimum award is \$5,000.

Individuals and organizations interested in joining the roster of EAA Aviation Foundation scholarship benefactors and supporters are invited to contact Strmiska at kstrmiska@eaa.org or 920-426-5901.



Young Eagles 2019 Schedule

The 2nd Saturday of each Month from April to October.

www.yeday.org

All dates are on Saturdays at 10:00 a.m. Rain date for all events is the next day (Sunday). If you can help either fly or on the ground please call me, Eric Carnahan (937-515-7453) or email me vamustang1@wildblue.net.

If you know of kids 8-17 that would like to experience flight please have them get in touch with me. Reminder, Kids must be registered to fly. Please do not just have kids show up.

Meeting Minutes —**Meeting Minutes —****EAA Chapter 174 Meeting Minutes from August 18th, 2019**

Call to Order – Dan Oliver – President → Opening – Pledge of Allegiance
8 in attendance

President's Report – Dan Oliver

- Appears that Airventure 2019 set attendance records with huge crowds.

Vice President's Report - None

Treasurer's Report – Phil Cady – Checking = \$485.40/ Savings= \$6,697.19

Our Webmaster (Raymond) has been paid for 2019 and 2020

Secretary's Report – None

Young Eagle's Report – Eric Carnahan – August 2019 had 2 Young Eagles fly. Four had signed up, but failed to show. Had 4 pilots lined up.

Project Updates –

- Zenith 601 – Jim Gibbs – Working on Canopy and dealing with cracks.

Made multiple trips to Florida for assembly. Brakes are on. Fuselage on gear.

Corvaire engine with composite prop.

- Pietenpol – Dan Oliver – Glued in floor with ¼" Birch Plywood (5 ply) and T88.

Announcements

- SWORFI 2019 is Sunday Sept 29th Camping on Saturday night, Sept. 28th.

o Needs posting on Social Flights website

o Need posting on Fun Places to Fly

- Former EAA Chapter member Paul Bowdon has passed away. He has a Zenith 601B with a Rotax engine, that he would like to donate to the chapter.

- Obannon Creek will have their Fly-in, on the same day as SWORFI

- B-17 is coming to Lunken for Labor Day

- Check out the Maxwell X-57 (NASA)

- Innovation area at Oshkosh showcased Ion Drive, which uses charged air molecules to create lift and move an aircraft without an engine.

AUGUST PROGRAM BY JIM GIBBS

The Next Meeting is Sunday, September 15th at 2:00 pm in the Hawk Building.

Young Eagles Report

We had 10 kids sign up to go and fly on the 14th.

Please send interested kids and parents to our registration web site.

www.yeday.org
look for Batavia event or enter the zip code 45103.

You can also have them email at vamustang1@wildblue.net

Project Updates

No Report this month.

Count down to ADS-B Equipment mandate.

By Eric Carnahan

The FAA mandate for ADS-B equipage is 112 days away. On January 1st 2020 aircraft that fly in most controlled airspace.

<u>Airspace</u>	<u>Altitude</u>
Class A	All
Class B	Generally, from surface to 10,000 feet mean sea level (MSL) including the airspace from portions of Class Bravo that extend beyond the Mode C Veil up to 10,000 feet MSL (e.g. SEA, CLE, PHX)
Class C	Generally, from surface up to 4,000 feet MSL including the airspace above the horizontal boundary up to 10,000 feet MSL
Class E	Above 10,000 feet MSL over the 48 states and DC, excluding airspace at and below 2,500 feet AGL Over the Gulf of Mexico at and above 3,000 feet MSL within 12 nautical miles of the coastline of the United States
Mode C Veil	Airspace within a 30 NM radius of any airport listed in Appendix D, Section 1 of Part 91 (e.g. SEA, CLE, PHX) from the surface up to 10,000 feet MSL

The next question is how do I equipment my aircraft. This is where things can become confusing. There are two type of transmitters. 978Mhz and 1090Mhz.

The 978Mhz transmitter includes the skybeacon, tailbeacon, GDL82 . This transmitter is limited to Below 18000 feet and within the USA. Cost is between \$2000.00 and \$3500.00 depending on what is installed.

The 1090Mhz is generally a transponder. There are no altitude restrictions on the 1090Mhz transmitter. The cost is between \$5000.00 and \$7000.00 depending on the transponder.

The benefit to the ADS-B is a greater situational awareness in the cockpit. We an ADS-B receiver, Stratus, Sentry, Sentry Mini and GDL50 you receive weather and traffic on your iPad or tablet with either Foreflight, Garmin Pilot, or other apps.

If you have any questions please let me know if you have any questions.