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Pittsburgh-Butler Region Experimental Aircraft Association - Chapter 857

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# EAA 857 NEWSLETTER

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**Bob Santolla's Pitts With Wings Fitted**

## Presidents Message

EAA 857 Members,

It is unfortunate this month that there is so much uncertainty about health safety in the national and international environment resulting from the advent of Covid-19, the Novel Corona virus. New positive cases have been identified in Washington, Allegheny county and Beaver County. Out of an abundance of caution and calls for “social distancing” it has been decided to **cancel** our March 17 chapter meeting, so you may stay home. Please follow all the other recommended guidelines for remaining safe and healthy at this time.



Looking into April then, our next meeting is currently scheduled for the 21st. Hopefully there will be some relaxation by that time in the need for caution in conducting public meetings. We do have scheduled a program presentation by the National Weather Service that will touch in part on the upcoming summer storm season and how it might impact flight operations. Also to be addressed is how you might use NOAA weather services in your flight planning. If you have questions you would like the representative to discuss please let me know so I can pass that along to him.

Also in April it is currently planned by KBTP to host an April 17-19 weekend camporee for 70-100 Boy Scouts. There will be an aviation theme to this as they plan to work with the two flight schools, and the Air Ambulance service as well as us at EAA 857. The context here of course is general aviation as vocation and avocation; they are asking for displays of aircraft, both commercially produced and amateur built. I picture us promoting the EAA and the Young Eagle Program, and presentation of sheet metal and fiberglass construction projects alternatives. There would be several small group presentations made as groups of scouts rotate from the various subject stations on the field. This primarily should be on Saturday the 18th of April. Again, this is likely dependent on the situation at the time with the Covid-19 outbreak. I will be in contact with the Scout representative to check on their plans.

Please also keep in mind June 13th, International Young Eagles Day. *Pilots especially* please let me know if you plan to participate and be sure your Youth Protection Program credential is up to date.

Please remember that chapter dues, \$25 per person, were due and payable on January 1, 2020. You must be a National EAA member to maintain your chapter membership. We renewed our charter in December with the national organization, and your dues in part pay for that charter and our yearly insurance.

Remember, our next meeting is Tuesday 4/21/2020 at the normal time, 7pm for the NOAA Presentation.

Ted Merklin, President EAA 857



## Minutes of February 18, 2020 Meeting

**Opening:** President Ted Merklin called the meeting to order at 20:10 and led the members in saying the Pledge of Allegiance.

**Attendance:** Eleven members were in attendance.

**Secretary's Report:** Everyone was asked to be sure that they had signed the sign-in sheet. A motion to accept the Secretary's report of the January 21, 2020 Minutes (published in the newsletter) was made by Dan Hood and seconded by Dave Von Kaenel. The motion was accepted.

**Treasurer's Report:** The bank accounts were reviewed by the Treasurer. A motion to accept the Treasurer's report was made by Phil Kriley and seconded by Gary Marsico. The motion was accepted.

**Newsletter:** Thanks to Bob Santolla for the newsletter article. Content submittals are always welcome from anyone. Notify Ted Merklin if you are not receiving the newsletter.

**Website:** The newsletter is also published to the chapter web site at: <http://www.857.eaachapter.org/home.htm>. Be advised that a new website is virtually complete and the above site will be shut down by EAA on 3/31/2020. However, ultimately the same URL will link to the new site.

### **Young Eagles Report:**

- We have a candidate for the Air Academy in 2020 and a position is held for him via payment of the \$200 deposit.

### **Technical Advisors: Chuck Potts and Bob Santolla, EAA 857 Advisors**

- *Report:* No report

### **Old Business:**

- *Chapter Storage Room:* The board is looking into getting some shelves for the storage room to allow better organization there.
- *Member Dues:* Your 2020 dues (\$25) are due now as of 1/1/2020. You must also maintain EAA National membership. Please forward to the Treasurer, Frank Szczerba.
- *2020 event dates:* Young Eagles day June 13, fly-in August 9, fly-in September 13.

### **New Business:**

- *Memorial Plaque:* Larry Gaichas has been added to the memorial. His name will be submitted to the EAA gone west list.
- *New Member:* Alyson Collins, working on her instrument rating at High Flight and a member of Condor joined EAA 857 as a new member. Welcome!
- *Boy Scout Event:* We may participate in a Boy Scout camporee in mid April once the details are known. Likely to be a static display.

**Adjournment:** A motion to adjourn at 20:35 was made by Dave Von Kaenel, and seconded by Mark Smiley.

**Program:** The program was a visit to High Flight Academy for a demonstration of their RedBird Simulator, held prior to the chapter meeting.

**Respectfully submitted:**

Richard Schubert



## **ADS-B and Your Privacy**

By Bob Santolla

By now, most of you aircraft owners and renters have been complying with the new ADS-B rules that started January 1, 2020. If you have not, then flying in and around the Pittsburgh Class B airspace will be very limited.

For the last 10 years, there have been arguments both pro and con over the issue of this directive. The law of the land has been set and so let us have a discussion about your privacy while exercising your airmen privileges while the ADS-B operates in the background.

During your flight let's say you decide to fly to that favorite airport to dine on that \$100 hamburger. The flight you just made is tracked using ADS-B and that data is available for those interested in tracking your aircraft. Why would anybody be interested is anyone's guess but I digress.

ADS-B is how your flight is tracked so there is a way to prevent that. You can relax because you have the ability to opt out of ADS-B tracking data. So let me explain how it works.

In a move to ensure security and privacy, the FAA has established new terms-of-service agreements with aircraft tracking service providers that will limit the sharing of aircraft data.

Under Phase 1 of the "Privacy ICAO Address (PIA) Program which was put in place January 1, 2020, the FAA has set up a web portal to accept requests from aircraft owners who wish to block real-time ADS-B position and identification information for their aircraft. These owners will be issued an alternative, temporary ICAO aircraft address, which will not be connected to their aircraft information in the FAA Aircraft Registry.

In Phase 2, which is expected to start in mid-2020, the PIA program will be transitioned to third-party service providers. Only organizations vetted by the FAA, such as law enforcement, will be able to reverse-look-up the true identity of an aircraft.

The lack of a privacy solution has been a disincentive for some operators to equip with ADS-B. No one should have to surrender their privacy and security just because they board an airplane.

Aircraft owners are concerned because ADS-B Out transponders used to broadcast aircraft identification, position and velocity to other aircraft as well as to ATC include aircraft data linked to the aircraft registry. Anyone using inexpensive, commercially available radios can capture these wireless ATC communications, while flight-tracking websites use this data to publicly disseminate information on aircraft movements.

Some “bad actors could use this information to track government and business leaders and commit acts of corporate espionage, extortion, or terrorism. Previously, aircraft owners who wanted to block the display of their aircraft data could submit a Block Aircraft Registry Request (BARR). That program has been renamed the Limiting Aircraft Data Displayed (LADD) program.

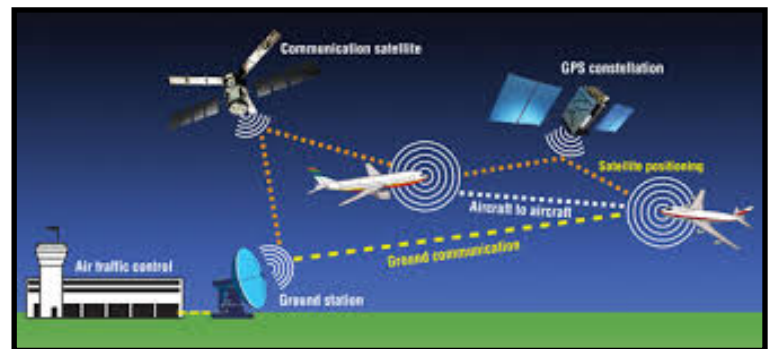
Companies that track aircraft must now: demonstrate their ability to block display of aircraft data from public display systems, block from public display aircraft registration numbers, call signs, or flight numbers included on the FAA-provided LADD list, and not display historical data for any aircraft registration or call sign while the aircraft is included in the LADD list.

If the FAA determines that a vendor has willfully violated these terms of service, the agency may suspend or stop providing data to the vendor.

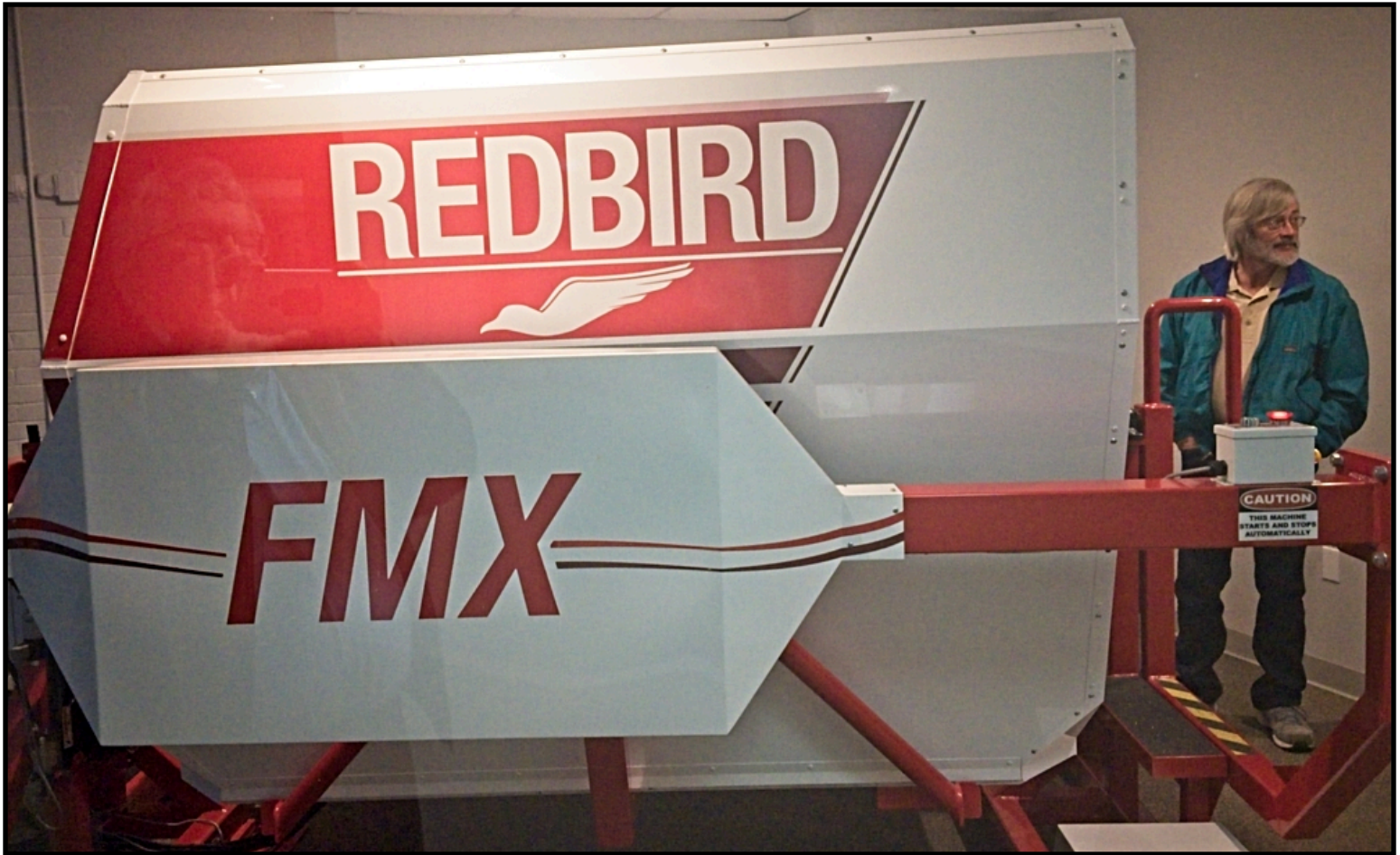
Aircraft owners who do not wish to have their aircraft data shared can submit LADD requests via a dedicated web page, [FAA.gov/NextGen/EquipADSB/Privacy](http://FAA.gov/NextGen/EquipADSB/Privacy) That page also has information if you’d rather email the FAA or mail the request to the FAA.

Owners can request “FAA source blocking,” in which aircraft data is limited to FAA use only, or “subscriber blocking,” in which flight data is only made available to select vendors.

You have a right to your privacy when you fly, but unfortunately when you secure your airplane in the hangar and get into your car to drive home someone is watching! Fly smart fly safe.



## High Flight Academy's Redbird Simulator



Leading off our February 2020 chapter meeting, EAA Chapter 857 members met at the High Flight Academy offices at KBTP to get an overview of their Redbird Simulator. This is a machine and control system that can simulate a Cessna 172, or similar class Piper aircraft and is certified for familiarization and training scenarios for Private as well as IFR students. A portion of simulator hours can be logged as credit towards their license. When the real weather outside prevents training in the High Flight Cessnas, this resource lets the student continue to improve their skills with its realistic simulation of flight.



The simulator has full motion capability. The instructor has a laptop / tablet interface to permit setting conditions for the training scenario desired.



Here, VP Phil Kriley prepares to take off from KBTP for a simulated Young Eagle trip north towards Moraine State Park. There is an approximately 180 degree field of view in the monitors. Both day and night operations can be simulated, as well as various weather impacting the sim flight. Our thanks to HighFlight Academy and John Urling for giving us the RedBird demo ride!



## Aircraft For Sale



**1946 Aeronca 11AC 65hp Chief.**

**Current annual, @KPJC, \$15,000.**

**Call Rich Steiner (724)816-0138 for more details.**

**Chapter 857 Members**

See your chapter's Website at:

<http://eaa857.org>

Take a look today!

Newly Updated with **This Newsletter!**

Prior Issues for 2019 and 2020 will appear in our newsletter archive.

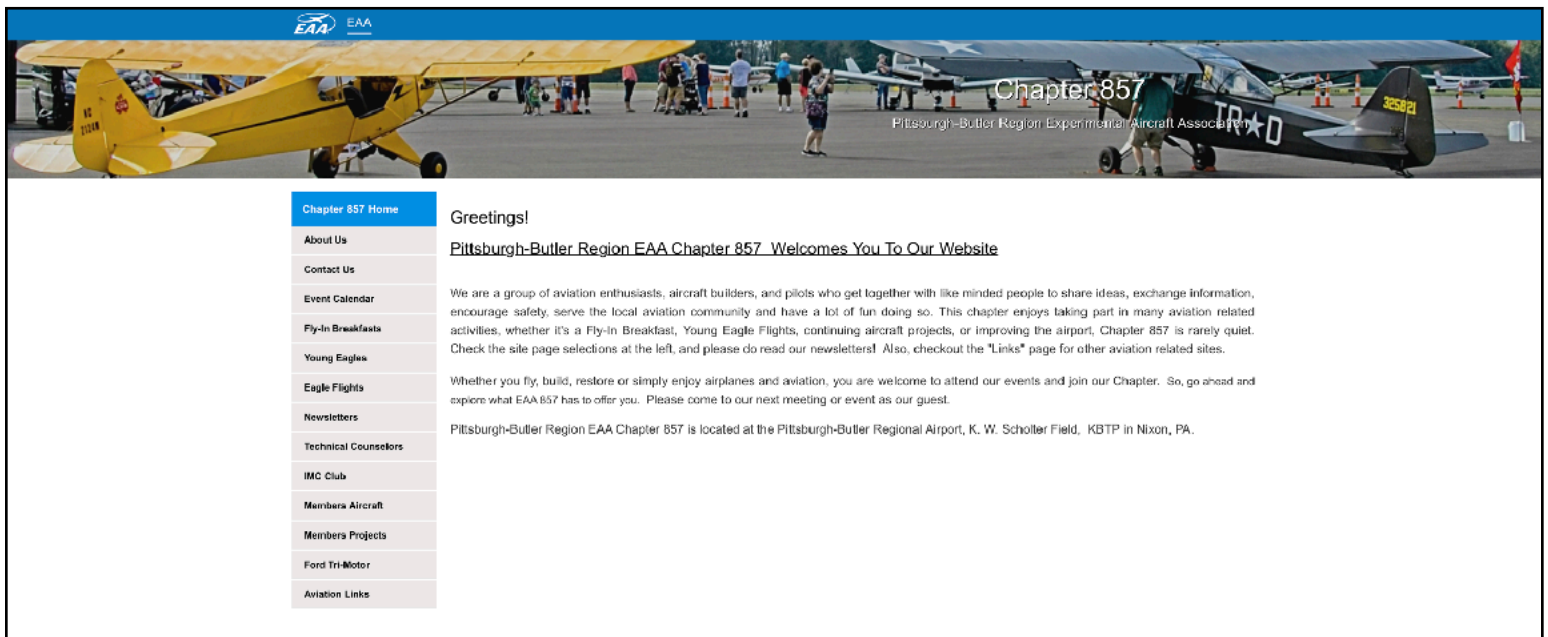
Please submit your project updates, photos, articles, thoughts, technical tips

to [contact@eaa857.org](mailto:contact@eaa857.org)

ALSO, Monitor our Facebook Group Page:

Search for "EAA Chapter 857"

or Friend "Theodore Merklin" and I will add you.



**Be Advised:** A new website (above) is currently in development. Ultimately the URL required to access the site will be the same as before with this new look by the EAA National site provider. This should be effective in April.



**EAA 857 Chapter Officers for 2020**

Use [contact@eaa857.org](mailto:contact@eaa857.org) to email the Chapter President. Your request will be forwarded to the appropriate individual.

<b>President</b>	<b>Ted Merklin</b>
<b>Vice President</b>	<b>Phil Kriley</b>
<b>Treasurer</b>	<b>Frank Szczerba</b>
<b>Secretary</b>	<b>Rick Schubert</b>
<b>Newsletter / Web Page</b>	<b>Ted Merklin, Ed.</b>
<b>Young Eagles</b>	<b>Phil Kriley</b>
<b>Technical Advisors</b>	<b>Chuck Potts      Bob Santolla</b>
<b>Board Members</b>	<b>Dan Hood      2020-2022</b> <b>Bob Santolla      2020-2021</b> <b>Gary Marsico      2020</b>

**EAA 857 - Chapter Meetings and Events for 2020**

Meetings are held on the third Tuesday of the month at 7:00 PM in the Conference Room at the Pittsburgh-Butler Regional Airport.

<b>Chapter Meetings</b>	Tuesdays	January 21 February 18 March 17 <b>[CANCELLED]</b> April 21 May 19 June 16 July 21 August 18 September 15 October 20 November 17
<b>EAA 857 Chili Cook Off -</b>	Sunday,	February 9
<b>International Young Eagles Day -</b>	Saturday,	June 13
<b>EAA 857 Fly-In and YE -</b>	Sunday,	August 9
<b>EAA 857 Fly-In and YE -</b>	Saturday,	September 13

**2020 National Events**

Sun 'n Fun -	<b>May 5 - 10</b>
Sentimental Journey -	June 16 - 20
AirVenture Oshkosh 2020 -	July 20 - 26