



# Columbus EAA Chapter 729

## Columbus Municipal Airport (KBAK) Columbus, Indiana

December, 2023

Volume 28, Issue 12

### Chapter 729 Members & Aviation Friends:

#### AVIATION SAFETY

We will soon have a FAA certified flight simulator, a RedBird TD, and all the student pilots go “**Woot Woot**”! Data shows that simulator training allows students to learn those complex configurations & procedures on the sim and then apply and demonstrate those skills in the air. This makes a better & safer pilot and saves both time & money (~10-20 flight training & CFI hours).



But what about all us regular pilots (some would say a “regular” pilot doesn’t exist) in the chapter with anywhere between 100 to over 2000+ flight hours, what’s the benefits of simulator training for us? What about those rusty pilots who want to get back onto the flight deck? Well let’s summarize just a few benefits for those of us certificated pilots.

- 1) It’s safer, practice emergency situations on the ground
- 2) Recreate those tricky weather & terrain conditions. Fly into known IMC & icing conditions and safely get yourself out of it

- 3) Train any time. Are you a blue sky & warm weather pilot? Well, grab some sim time in January
- 4) Practice practice practice... Fail that engine on takeoff at 100’, 500’, 1000’ AGL over and over again to fine tune your muscle memory to make your reactions second nature
- 5) Learn more, some studies show that one hour of simulator time is the equivalent of 2 hours flight time. You are focused, fewer distractions, objective based training. This makes the simulator trainer time and cost efficient.
- 6) Want more? For those IFR rated pilots fly your 6 HITS and challenge yourself in more complex approach & airport scenarios. How about those missed approaches, a lot going on with them, feel confident?

Watch this space for more information as we get our RedBird TD setup and running. It will come loaded with EAA Simulator Pilot Proficiency bundles. We will share more at upcoming Chapter Gatherings

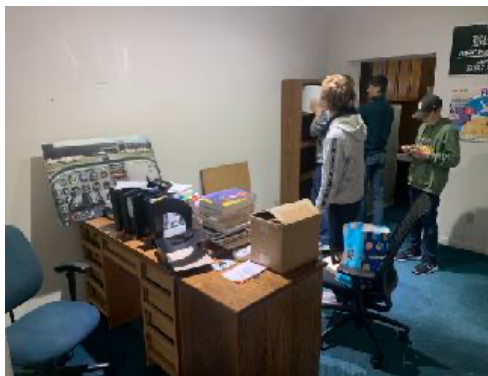
#### CHAPTER NEWS

For our upcoming chapter gathering on the 21st of December we will share updates on our RedBird Simulator & Airplane kit grants. Dan Villiger will introduce us and demonstrate our latest chapter builders tool, the SWR (standing wave ratio) meter for testing your antenna's and wiring. And we want to especially recognize our new chapter members who joined us during 2023. The lifeblood of any chapter is new members, so be there new and old members, and share a piece of cake to say thank you and welcome.

Earlier this fall as a chapter we decided to hold our Chapter Holiday Gathering in January to help ease the holiday pressure on us all. As we've worked on this we are finding event venue availability, timing, and rising costs becoming challenging & and in some cases prohibitive. While do not propose walking away from a holiday gathering we need to do something a bit different this year.

We will host a Chapter Family Chili Cook-Off on **Thursday February 15th**. We will have volunteer chefs make their best secret Chili recipes and vote for the fan favorite. Chapter will provide drinks, breads, chips, crackers, bowls, etc. We will look for a few volunteers to help with some favorite desserts to share.

Your Board of Directors has received and reviewed the formal quote from RedBird for the TD simulator and funds approved. The order has been placed and we will be waiting for a ship date from RedBird, but with a reported lead-time of two weeks it won't be much of a wait. We have started to prepare the office space for conversion to the "**EAA Chapter 729 Aviation Learning Center**".



Your board has also outlined policies and procedures that will need further defining and documenting. We will be pulling together a team from the Chapter and Flying Club to help finalize for the board's final approval. If you would like to be a part of this exciting project and team please reach out to one of your board members and get engaged.

Another huge project for our chapter is the next airplane build project. Our grant with the Ray Foundation is looking good, we need to outline our project and proposed cash flow timelines. Also our chapter's fundraising match it progressing well. The biggest hiccup is the situation with Van's Aircraft. The situation at Van's developed quickly and unexpectedly, they recently declared Chapter 11 bankruptcy. Van's has brought in an outside management team and is confident of a business turnaround. We are watching this situation closely. In the meantime we will be sending out a survey to gather information from the chapter members for evaluating alternatives to Van's. Our goals and objectives remain aligned to our Chapter's 5 year flight plan and further airplane chapter builds.

In the meantime we continue to pursue our fundraising goals. If you have last minute end of 2023 charitable donations from RMDs, stocks, other giving, or directing your 2024 contributions plans please consider your EAA Chapter729. We are an approved 501c3 organization.

As the 2024 airshow calendars are developed, a great source to see what's coming are the AOPA and EAA websites. We will try to highlight local/regional events as they are scheduled. Who doesn't like a good airshow? I know the F16 Demonstration team will be in Goshen Indiana this spring ahead of Oshkosh, and the Canadien SnowBirds Demo team will be performing at Oshkosh.

On **April 8th of 2024** we will be in the "zone of totality" for the solar eclipse. The FAA and airport are expecting a large number of aircraft and visitors for this event. Our chapter is being asked to help provide aircraft/ramp marshaling. We will be meeting with the airport

and share more information as the plans develop.

The Columbus Airport has also announced a **Twilight Airshow for their airshow in 2025**. This is an exciting development and we will work to schedule one of the EAA aircraft for this event (eg. Ford Tri-Motor).

### **Ray Scholars Update**

On Wednesday December 13, 2023, Noah Shatto left Planet Earth and returned successfully to complete his First Solo in the club 150 – Congratulations Noah!



In December we will be making our Ray Scholarship Matching Grant application to the EAA for awarding scholarships in 2024.

### **TAYLORCRAFT & NIEUPORT 11 UPDATE**

The Taylorcraft restoration is heading quickly towards the goal line. The team has developed a squawk list in order to prepare it for an annual inspection ahead of getting into the air. A last minute adjustment is to replace the wing fairings that cover the wing gaps. These are being made and then will need to be painted.

The engine for the Nieuport has been removed and the team is disassembling it. Current thinking is to use this engine to create a training opportunity for engine systems, components, operation and assembly/maintenance.



### **UPCOMING EVENTS**

- 21st of DEC Chapter Gathering @ 6:30pm
- 24th of DEC, watch those last minute NOTAMS for special holiday lighting, reindeer flying in the vicinity airports, and Santa flight paths
- 15th of FEB 2024 Chapter Holiday Dinner
- 8th of APR 2024 Total Eclipse of the Sun
- Tentative Young Eagle Dates for 2024; 11th of May, 8th of June, 13th of July, 10th of August, 14th of September

### ***Aviate, Navigate, Communicate***

James Yrineo  
Chapter 729 President  
*"Blue Skies and Tail Winds"*

### **Aviation/Member News**

#### **Officers For 2023**

President	James Yrineo
Vice President	Brad Moore
Secretary	Larry Kelly
Treasurer	Bill Batten
Director	Kate Russell
Director	Matt Brown
Director	Brett Herrick
Director	Dan Villiger
Director	Brad Stinebring
Y.E. Coord.	Brad Moore
Tech Counselor	Mike Foushee



## Newsletter Input

The newsletter editor is always looking for input. If you have input please contact Mike by the second Friday of each month at:

[michael.foushee@yahoo.com](mailto:michael.foushee@yahoo.com)

## Interesting Websites

<https://youtu.be/lbrWSD3-BBg?si=rKfMMpG-1tQiVqCG>

<https://youtu.be/barArjGtjnY?si=c3yHfiiTbE0apz0l>

<https://youtu.be/i68pwmkamAU?si=QP6lEpbbomxzUFO>

## EAA Chapter 729 Hangar Needs

We have developed a list of items that would be useful in pursuing some of the chapter's projects. So, if you have any of the following items cluttering up your life, your garage, or your hangar please consider donating them to Chapter 729 (a 501c3 organization).

Swaging Tool

PE Storage Cabinet

## Calendar of Events

4/9-14 Sun & Fun Fly-In  
Lakeland, FL (KLAL)

7/22-28 EAA AirVenture  
Oshkosh, WI (KOSH)

## Items For Sale or Needed

### **Brantly Helicopter**



1959 Brantly B2A N5950X TT: 897.5 hrs.  
35 hours since chrome top overhaul \$37,500

Contact: Karl Schilling  
317-796-4997  
[kschilling@embarqmail.com](mailto:kschilling@embarqmail.com)

## **Flight Simulator Components**



Volair Flight Sim cockpit components – NEW  
Basic frame, widescreen frame plus misc. parts  
Less seat and instrument panel  
Value \$870.00 Sell for \$625.00  
Can be seen at Atterbury-Bakalar Air Museum  
Call 812-372-4356 and leave a message

## **WANTED – GDL-39 or GDL-50**

Larry Bothe is looking to purchase either a used Garmin GDL-39 or GDL-50 receiver, for use with a Garmin Aera 660 GPS (I already have the GPS), so I can "play" traffic and weather on the GPS.

Contact Larry Bothe at:  
812-521-7400 or  
[LBothe@comcast.net](mailto:LBothe@comcast.net)

## Aviation Humor

**Roger:**

- 1)The most popular name in radio.
- 2)Used when you're not sure what else to say.

**Runway:** Place where exotic flight attendant starts her act. (See also 'Airstrip')

**S-turns:** The course flown by a student pilot from point A to point B.

**Service Ceiling:** Altitude at which cabin crews can serve drinks.

**Slip:** Apparel worn by some pilots.

**Split S:** What happens to the trousers of overweight pilots. (See also 'Gross weight')

**Spoilers:** The Civil Aviation Authority/Federal Aviation Authority/spouse (delete as applicable). The least likely phrase to be heard on an airfield... "Hello, I'm from the FAA and I'm here to make your life easier."

**Stall:** Technique used to explain to the bank why your car payment is late, without admitting that you spent the money on flying.

# Homebuilders Week – Online Event Starts January 22

## *An online opportunity to learn about building your own aircraft*

By Charlie Becker, EAA Homebuilt Community Manager


Homebuilders Week is an online opportunity to carry on the founding mission of EAA by sharing as much knowledge and information about building your own aircraft as possible in five days. We start on Monday, January 22nd, 2024, and end on Friday, January 26th, 2024. Each day, we offer six live webinars back-to-back, starting at 11:30 am central time and running every hour and a half until the last session at 7pm central. The sessions are live and allow time for questions. To sign up for the sessions, visit [www.EAA.org/HomebuildersWeek](http://www.EAA.org/HomebuildersWeek)

The topics cover a wide variety of areas of interest to anyone curious about building their own aircraft. We try to make sure there is something for everyone, whether you are just considering the idea of building an aircraft, are knee deep in a project or getting ready for test flying. We even have EAA president Jack Pelton lined up on our anniversary date, January 26<sup>th</sup>, to talk about EAA's Advocacy efforts on behalf of the homebuilt members.

EAA Homebuilders Week coincides with the anniversary of the founding of the Experimental Aircraft Association in 1953. We have come so far since that first EAA meeting. Back then, information on homebuilding was sparse and hard to come by. I know that if our founder, Paul Poberezny, was still with us, he would give us a big thumbs up for this effort to support the homebuilder.

EAA Homebuilders Week is made possible through the generous sponsorships of Aircraft Spruce & Specialty Co., Dynon, and Scheme Designers, Inc.

Visit [www.EAA.org/HomebuildersWeek](http://www.EAA.org/HomebuildersWeek) to sign up.

 <b>Homebuilders Week Schedule</b> <b>January 22 - 26, 2024</b>					
To sign up: <a href="http://EAA.org/HomebuildersWeek">EAA.org/HomebuildersWeek</a>					
Time CST	Monday 1/22/24	Tuesday 1/23/24	Wednesday 1/24/24	Thursday 1/25/24	Friday 1/26/24
11:30-12:45	Building an Aircraft: What You Need to Know Charlie Becker	Composite Construction Basics Mark Forss	Amateur-Built Certification Process Joe Norris	Lies, Darned Lies, and Homebuilt Accident Statistics Ron Wanttaja	EAA Advocacy Update: Top Homebuilding Issues and the Impact of MOSAIC Jack J. Pelton, Sean Elliott & Rob Hackman
1:00-2:15	Wiring Basics Dick Koehler	The Nuts and Bolts of Nuts and Bolts Kerry Fores	Building on the Cheap Ron Wanttaja	Lycoming Engine Installation Dave Prizlo	Working With Wood 101 John Egan
2:30-3:45	Welding Basics: Gas & TIG Charlie Becker & Tracy Buttles	Fabric Covering Basics Nate Hammond	Buying a Used RV Aircraft Vic Syracuse	Sonex Aircraft and AeroConversions Products Mark Schaible	Zenith Aircraft Kits & Plans Sebastien Heintz & Roger Dubbert
4:00-5:15	Sheet Metal Basics Jim Scott	Factory-Built to Homebuilt: What's the Difference? Tom Charpentier	Advanced Flight Systems Rob Hickman	Garmin Experimental Avionics Solutions Brad Brensing	Scratchbuilding From Plans: 90% Done and 90% to Go! Marty Feehan
5:30-6:45	Panel Planning and Wiring Marc Ausman	Dynon Avionics Michael Schofield	Flight Testing 101 Paul Dye	Propeller Selection for Homebuilts Steve Boser	Latex Paint: A Low-Cost Alternative Malcolm Morrison
7:00-8:15	Rotax 9 Series Installation & Operation Phil Lockwood	Painting Your Plane: DIY or Use an Expert? Craig Barnett & Ken Reese	Engine Break-In Mike Busch	Van's RV Aircraft Kits Greg Hughes	Common Builder & Maintenance Errors Vic Syracuse