



# Columbus EAA Chapter 729

## Columbus Municipal Airport (KBAK) Columbus, Indiana

April, 2022

Volume 27, Issue 4

### Chapter 729 Members & Aviation Friends:

Happy Easter (belated) and hope you were able to be with family and friends on this weekend!

Our first membership meeting of 2022 was quite successful and established high hopes for remainder of 2022! Our presenter, Dean Rainbolt (Chapter 1354), did an outstanding job of illustrating what “build-and-fly” is all about!

Dean discussed his selection, process, organization, partnering and support of his Zenith 750 build. He methodically thought through his selection, created build processes/expectations, created timelines for various steps, partnered with Zenith, and is being supported whole-heartedly by spouse. His documentation as he builds, will provide an easy path to certification by FAA, when the time comes to submit his aircraft and build techniques. Well done, Dean..... and THANK YOU for sharing! In addition, Dean is Chapter 729's newest member, so we will hear more!

As previously discussed, EAA Chapter 729 focus/meetings will be around Build, Maintain and Fly. April membership meeting will be held this **Thursday, April 21 @ 6:30pm** with **IU Health Lifeline** helicopter operation. Being hosted by Director Ivan Brentin and staff, we will meet at their hangar (**2036 Taxiway Dr., Columbus, IN 47203**) @ 6:30pm. As you know, lifeline operations are now the norm across the U.S., saving untold number of lives and suffering. This behind the scenes of operations will provide details on skill sets and team effort that provides such a needed service

to Columbus and surrounding communities. Please bring your questions and expect an evening of learning on both maintaining and flying!

Another event for April will be “**Thunder Over Louisville**” on Saturday, April 23. This iconic airshow will provide more military aircraft than any other location in the U.S. Look at the lineup:

(<https://thunderoverlouisville.org/airshow/>)

of WWII to present aircraft with a couple of civilian performances, as well. This airshow starts at 3:00PM and goes to dusk. Good weather is forecasted with 80 degrees and no rain, so be prepared with chairs, suntan lotion and water! Anyone wanting to car-pool to Jeffersonville, we will be leaving from EAA hangar at noon. Please reach out for information – 812-350-9771.

For a less active event, many of these military aircraft will be on static display **Sunday afternoon** on Louisville Muhammad Ali International (KSDF). Again, see website for more information.

Our May membership meeting is scheduled to learn about another “build-and-fly” initiative by Larry Kelly. He is making good progress on a Sonex Waix.

(<https://www.sonexaircraft.com/waix/>)

More on this in May.....

We have continued work on two initiatives of Chapter 729 By-Laws and Shop Area and Tool Guidelines. The By-Laws are

nearly complete and will be presented in the fall during annual elections. The Shop Area and Tool Guidelines are attached (EAA Chapter 729 Shop Area and Tool Usage Guidelines 4-14-22). We will hold discussions on this guideline whenever gathered for a membership meeting, but please feel free to reach out to any board member with questions.

And we're pleased to announce "EAA Chapters Bronze" recognition for combined 2020/2021 by EAA headquarters! This is our second bronze recognition from EAA's Chapter Advisory Council, based on 10 criteria that are consistently found in active and highly engaged chapters. With support of Chapter 729 members, we hope to rise to the silver level soon!

The Ray Scholarship committee is meeting this month to select 2022 Ray Scholar for obtaining a Private Pilot License (PPL). Standby for announcement of recipient.

Some airport information is opening on May 1<sup>st</sup> of the new hangar T-condos. Congratulations to members moving into these attractive hangars! Also soon, repaving will be completed around the new T-condos, old T-hangars and self-serve fuel farm. Be cautious during this needed work.

As the weather continues to improve and days getting longer, hope you get to do some aviating either indoors or outdoors!

Be safe,  
Brad

***EAA – the Spirit of Aviation!***

## **Aviation/Member News**

### **Officers For 2022**

President	Brad Stinebring
Vice President	Brad Moore
Secretary	Larry Kelly
Treasurer	Bill Batten
Director II	Bob Graves
Director III	Matt Brown
Director II	Bob Butterfield
Director III	Brett Herrick
Y.E. Coord.	Brad Moore
Tech Counselor	Mike Foushee

## **2022 Young Eagle Events**

The Young Eagle Flight events for 2022 will be held on the following Sat. mornings from **9:00 AM to 1:00 PM.**

**May 7<sup>th</sup>    June 4<sup>th</sup>    Sept 17<sup>th</sup>    Oct 1<sup>st</sup>**

These events are a great way to introduce kids to the wonders of aviation (not to mention a good reason to go flying). To make these events a success, we will need pilots, planes, and ground crew volunteers.

Reminder: everyone helping out with these events should have completed the EAA Youth Protection Background Checks (no cost).

## **2022 Member Dues**

Only those who have paid their 2022 chapter dues are eligible to vote in the November chapter elections. Chapter 729 dues for 2022 can be paid by going to:

[www.EAA729.org](http://www.EAA729.org)

and click on the "**Pay Your Dues Now**" link. Dues for 2022 are still only \$20.00 per year.

## **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/drtaOlpbYBs><https://youtu.be/drtaOlpbYBs>

<https://youtu.be/ZxGDVhUXdQE>

## **EAA Chapter 729 & United Way**

We have been contacted by United Way of Bartholomew County indicating that we are on their list of eligible beneficiaries of donations. Therefore, if you are so inclined, you can choose Columbus EAA Chapter 729 as the recipient of some or all of your United Way contributions.

## 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                      Wheel Balancer  
Aircraft Scales.                  PPE Storage Cabinet

### Calendar of Events

- June 9-11      Crimson Digger Formation Clinic  
                         Columbus, IN (KBAK)
- June 18              Flap Jack Fly-In Breakfast  
                         North Vernon, IN (OVO)
- July 19              Hagerstown Flying Circus Fly-In  
                         Hagerstown, IN (I61)
- July 25 - 31      EAA AirVenture  
                         Oshkosh, WI (OSH)
- Aug 20              Jerry Brown Fly-In & Cookout  
                         Kephart Field – Franklin, IN
- Sept 3              Fly-In / Cruise-In  
                         Marion, IN (MZZ)
- Sept 19 - 25      Triple Tree Fly-In  
                         Woodruff, SC

### 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

#### **LS-1 Engine**

Engine donated to Chapter 729  
Asking \$1,000 obo  
Contact: [eaachapter729@gmail.com](mailto:eaachapter729@gmail.com)

#### **Aircraft Winch**



Hangar floor mount, GE 120v ac motor,  
90ft steel winch cable, 75 ft control cable,  
\$125

Dick Belush      812 343-4910



## 1969 Cessna 182M N71047



2,940 hours total time 1,396 SMOH Cont O-470-S Complete panel replacement 2021:

- Garmin G3X Touch 10.6" & 7" with full EIS inc carb temp sensor
- Garmin GTN750xi
- Garmin GFC500 autopilot
- Garmin G5 backup instrument
- Garmin GTX 345 transponder
- Garmin 255A nav com
- Garmin GMA 35c remote audio panel
- Garmin Flightstream 510
- Garmin GSB15 USB ports (x2, one each side)
- Artec ELT 345
- CEIS digital fuel level senders feeding Garmin EIS
- Avion yokes with PPT, electric trim switch, autopilot / trim interrupt
- All new fuses, switches, wiring, dimmers
- TOGA button
- 4 place intercom with PJ and LEMO in front
- New laser cut, screen printed metal panel



1,125 prop time  
Paint 2004 8/10  
Horton flap gap seals  
Reiff oil sump heater  
BAS inertial reel front belts Empty weight 1727.2  
84 gal tanks  
Complete logs, records, etc. Stored in heated hanger  
Interior 2004 8/10  
Micro VG's  
Whelen LED landing, taxi lights  
Factory wheel pants  
Useful load 1072.8  
Tank bladders replaced 2004  
Oil analysis every 35hrs last 3 yrs  
Serviced at Cessna Authorized Service Center  
Selkirk glareshield Concord sealed battery  
Custom Bruce's cover Door Stewards  
Last annual 12/21  
\$225,000

Contact: Robert Pumphrey 812-593-2427

[robertpumphrey@msn.com](mailto:robertpumphrey@msn.com)

## Aviation Humor

### Assorted Aviation Terms

#### Course -

Popular alternate landing field marked by fairways and greens. Curiously, pilots who land here are said to be "off-course."

#### Crab -

1. A technique used by pilots to compensate for crosswinds, usually without success.
2. Pilot who has just ground-looped after trying unsuccessfully to use this technique.
3. The squadron Ops Officer.

#### Critical Engine -

That part of your airplane which used to be under the cowl, but is now in intensive care at the maintenance shop.

#### Cuban 8 -

A family of political refugees in Miami.

#### Dead Reckoning -

You reckon correctly, or you are.

#### De-icer -

De person dat puts de ice on de wing.

**Dive -**

Pilots' lounge or airport cafe.

**Engine Failure -**

A condition that occurs when all fuel tanks become filled with air.

**Exceptional Flying Ability -**

Has equal number of takeoffs and landings.

**FAA -**

Fear And Alarm

**Fast -**

Describes the speed of any high-performance aircraft. Lower-performance and training aircraft are described as "half-fast."

**Final Approach -**

1. Many a seasoned pilot's last landing.
2. Many a student pilot's first landing.
3. Last pass a pilot makes at the opposite sex before giving up.

**Firewall -**

Section of the aircraft specially designed to let heat and smoke enter the cockpit.

**Flashlight -**

Tubular metal container kept in flight bag for storing dead batteries.

**Flight Instructor -**

Individual of dubious reputation, paid vast sums of money to impart knowledge of questionable value and cast serious doubt on the coordination, intelligence, and ancestry of student pilots.

**Flight Plan -**

Scheme to get away from home to go flying.

**Glide Distance -**

Half the distance from the airplane to the nearest emergency landing field.

**Glider -**

Formerly "airplane," prior to running out of fuel.

**Gross Weight -**

1. A 350-pound pilot (also see "Split S").
2. Maximum permissible takeoff weight plus two suitcases, 10 cans of oil, four sleeping bags, four rifles, eight cases of beer, a bowling ball, and the groceries.

**Hangar -**

Home for anything that flies, mostly birds.

**Heated Air Mass -**

Usually found near hangar, flight lounge, airport cafe, or attractive, non-flying members of the opposite sex.

**Holding Pattern -**

The term applied to the dogfight in progress over any radio facility serving a terminal airport.

**Hotel -**

The letter H as pronounced in the phonetic alphabet. Most often heard in intercom conversations between pilots and flight attendants.

**Hydroplane -**

An airplane designed to land on a 20,000 foot long wet runway.

**IFR -**

1. I Follow Roads
2. A method of flying by needle and ripcord

**Jet-assisted Takeoff -**

1. A rapid-takeoff procedure used by a general aviation pilot who suddenly finds himself taking off on a runway directly in front of a departing 747.
2. Takeoff by pilot who ordered enchiladas for lunch at the airport coffee shop.

**Junkers 52 -**

A collection of elderly airplanes that even the FAA can't make airworthy.

**Kilometer -**

A unit of measurement used on charts to further confuse pilots who already have trouble with knots.

**Lazy 8 -**

1. Well-known fly-in resort ranch.
2. The airport operator, his four mechanics, and three lineboys.

**Log -**

A small rectangular notebook used by pilots to record lies.

## **EAA Chapter 729 Shop Area and Tools Guidelines**

### **Goals:**

- 1.) Provide instruction on how to use the Chapter owned tools properly and safely
- 2.) Provide a list of Chapter owned tools that could be used short-term on their personal aviation projects
- 3.) Provide a shop area for educational activities, Chapter projects and personal aviation projects
- 4.) Provide an additional advantage to being a Chapter member

### **Approach To Accomplishing This:**

No one likes rules. But expectations need to be stated so the next person also has a chance to use the shop area / tools and to encourage that the tools be used safely.

To ensure that the Chapter members understand these expectations, it is proposed that a signoff / approval would be needed. The initial approval would be for how use the shop area and the hand tools. Beyond that, any of the more complex tools (i.e., mostly likely electric and pneumatic tools) would require individual approval for each tool. This approach will minimize the effort / time needed to get the signoff / approval needed.

Regarding whom could perform these approvals, hopefully multiple people could offer the general approval. Whereas some of the more complex tools may only have one person that can give the approval, or it may be required that it be used with a specified individual.

### **Chapter Shop Area and Tools Guidelines:**

The Chapter Shop Area and Tools are intended to be used for personal aircraft projects and for Chapter projects

Who can use the Chapter Shop Area and Tools?

1. Members who have the needed approval / signoff will be shown on a list in the Chapter Shop Area
2. Others may assist the approved Chapter member working on a chapter or a personal aircraft project

What approval / signoff is required to use Chapter Shop Area and Tools?

1. General approval for the shop area and hand tools
2. Individual approval is needed for certain specific tools (i.e., most likely electric or pneumatic tools)

What are the general expectations for using the Chapter Shop Area and Tools?

1. Generally accepted safety practices are to be used when using the Chapter Tools
2. The appropriate PPE (i.e., eye protection, gloves and hearing protection) is to be worn when working in the Chapter Shop Area and / or using the Chapter owned tools. If you don't have your own PPE, the Chapter will provide PPE that you can use.
3. Any issues are to be reported to the Hangar Coordinator

4. Removal of Chapter tools from the Chapter hangar requires prior approval from the Hangar Coordinator and is to be documented on a "Sign-out Sheet" in the Chapter Shop Area
5. Tools are to be returned to where they belong, and work areas are to be left clean
6. The parts that you brought in to be worked on are to be taken with you when you leave unless prior arrangements have been with the Hangar Coordinator
7. Upon leaving the lights are to be turned off, the temperature reset, and the door locked
8. Failure to follow these guidelines by a Chapter member can be reviewed by the Board of Directors and may result in that Chapter member losing these privileges
9. The Chapter intends to replace consumable materials unless this expense becomes excessive
10. The Chapter intends to pay for tools / equipment that breaks unless this expense becomes excessive

Requests for the Chapter to purchase additional tools to add to its collection needs to be presented to the Board of Directors of the Chapter in writing for their consideration