



# EAA Chapter 1612 Newsletter



DAVID J. PERRY AIRPORT (1K4) GOLDSBY, OK

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## From the Front Seat—President Eric Muehlberg

I don't know about you but this is my favorite time of year for flying and regional flying events. I took the trip to Cass, Arkansas and the Byrd's Adventure Center to spectate at the 2022 ArkanSTOL Contest.

It was my first time at the event and I was surprised at the large turnout. The weather was perfect with daytime temps in the mid 70s and nights in the mid 40s.

Make sure you bring a good cold weather sleeping bag for this event. The course was changed from the previous year and I think made for a safer, but still challenging event. It is certainly not your average STOL event with three runways with landings and takeoffs required at each one during a single-timed run on the course. There were some really impressive flying skills demonstrated during the event. Also of interest was the wide variety of aircraft types participating in the event. Everything from Aeronca Chiefs and Piper Vagabonds, experimental and light sport types to the high-dollar Carbon Cubs and Aviat Huskies, with a lot of



Wichita aluminum thrown in to complete the field. If you plan to attend the event in the future don't

plan on using your cell phone for any type of communication. There was absolutely no cell signal on site. I noted many folks carrying and using those little black

and orange walkie talkies that used to be available at Walmart several years ago. In fact it took me a couple of hours to track down Jim Thomas on the event site since I was unable to text or call him. I have been in some pretty remote places and still was able to text or call, but not at ArkanSTOL. There may have been other folks from our area chapters in attendance, but I never bumped into them. All in all it was a fun event—just come prepared for the back country.

If you'd still like to attend a nearby national STOL event this year, you'll want to attend the Texas STOL event in Gainesville, Texas, the 28-29th of this month. This is a standard short takeoff and landing completion. Qualification runs are on the 28th and completion on the 29th. This is a free event with several food vendors on site.



And yes, all your electronic communication devices will work on site, so civilization in Texas is great!

Don't forget about the **Oklahoma AAA Fly-In and Car Show at the Pauls Valley Airport (KPVJ) on the 5th of November.** Last year the weather was perfect and a large number of aircraft and cars attended.

October 15th was to be the date of the special screening of the **Coleman Productions aviation movie "Inside The Sky" for the OKC EAA chapters.** Due to some editing and licensing issues, the showing has been pushed back to November. The screening of "Inside The Sky" will still take place at Gary and Karen Manning's hangar on the Twin Lakes Airport. I'll update the chapter when the **exact date and time are determined.**

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**Our October chapter gathering is Saturday the 8th at 10:00 in the David J. Perry airport terminal building.** The "official" part of Saturday's meeting will include the usual VMC question and discussion, the "what is it" challenge, this month's EAA chapter video, and a couple of presentations that will be informative and interesting. I'll also update everyone on the Chapter build project situation. **We will also be flying Young Eagles before the meeting starting at 900 AM.** We can always use pilots and ground crew. Come out and enjoy a morning of all things aviation.

Look forward to seeing many of you this Saturday.

*Eric*

# EAA Chapter 1612 Newsletter

## Meeting Location: David J. Perry Airport (1K4) Goldsby, OK

This month's meeting is at the David J. Perry Terminal building (1K4) on 8 October 2022 from 1000-1130. The chapter will be flying Young Eagles before the meeting. If you have questions contact Eric Muehlberg at 405-923-6749 or smuehlberg@pldi.net.



David J. Perry Airport (1K4)

## The Super A-65 — A What If Drill

Last month I mentioned I would use my Super 65—a Continental A65 with C-85 cylinders rated for 80 HP to power the Keller Lark. This month I will tell you more about the Super 65 that Gary



Manning helped me procure. The Super 65 I now have was once owned by Leonard Eaves, the well-known local homebuilder who flew out of C.E. Page Airport in his original design Skeeter. While not used in the Skeeter, the Super 65 was Leonard's manifestation of more horsepower from the ubiquitous Continental A-65.

So here is what I now know about the Super 65 as it lays apart in my garage workshop. The Super 65 has the engine case bored out to accept C-85/O-200 cylinders by El Reno Aviation. The Continental A-65 crankshaft is used (confirming this) and, I believe, so is the camshaft; however, the pistons and connecting rods are C-85/O-200 which adds strength. The small Continental engine guru, Harry Fenton (see bowersflybaby.com), states that by using C-85, cylinders, pistons, connecting rods, and cam one could get C-85 horsepower; however, there are a few more steps to ensure the engine will survive. I am checking to see if the studs used to hold the cylinders to the case have been upgraded to C-85/O-200 size. If not, the engine would be limited to 80 HP as I suggested in last month's article. The exhaust rocker arms should be

drilled for oil squirt hole to cool the top of the valve stems. A propellor would have to be sourced or clipped in length to achieve 2700 RPM and 80 HP. Many of the changes would make this engine experimental; however, that would be okay by me.

Why go to the expense to build such a "Frankenstein" engine? Well, first I have the engine and many of the parts to make this work. Second, it would be a great education to get the engine running reliably. Last, it is all in the spirit of experimentation which is why we are a part of the Experimental Aircraft Association.

Let me know what you think about his foray into engine experimentation at the November meeting as I will not be at the October event. Until then...

...keep 'em flying.

dd

"THE SUPER 65

WAS ONCE OWNED BY LEONARD EAVES, THE WELL-KNOWN LOCAL HOMEBUILDER...

"

## VMC Question of the Month

### The question:

We tend to rely on automated weather to give us an unbiased evaluation of conditions. However, sometimes we can be fooled. Over what time span are visibility and ceilings averaged for an ASOS report? What is the main difference between ATIS and AWOS?



**What is it?**



It is the **Baker MB-1** a 45-degree delta winged experimental aircraft designed by Marion Baker of New Carlisle Ohio. The aircraft was designed to muse an 85 HP engine and experiment with delta-winged design for air racing. The prototype was built around the remains of a wrecked Cessna 140 using its engine, propeller, and wheels. The

landing gear was fashioned from truck springs. The controls were conventional with the elevator in the center of the delta's trailing edge and ailerons out-board operated by push-pull tubes. Plans for the aircraft were available for homebuilt construction. Mr. Baker lived close to Wright Patterson AFB and employed the help of Captain O. P. Arquilia, a fighter test pilot at the installation, to accomplish the first test flights. **See the January 1962 edition of Sport Aviation magazine** (pages 4-6) for more information. I am certain Kelly "Mr. Delta" Troyer will be reading more about this unique 1960s era craft.



*Here is the November 2022 "What is it?"*

**EAA and Chapter Merchandise**

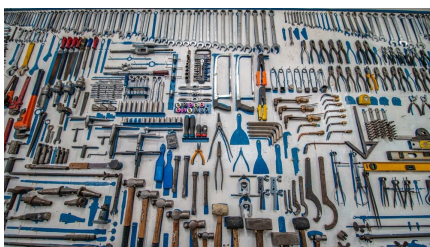
*We will be selling merchandise to help fund chapter activities. These pictures are examples of what we plan to offer; hats and shirts with the Chapter 1612 logo.*

*Eric will discuss at the next meeting. dd*



**Tool Loaner List—**

**Check our website for more info**



## Don't Miss These Coming Events



6 Oct—Oklahoma Pilot's Association, Wiley Post Airport 6:30-8:30 PM. VP Dennis D'Angelo will be presenting on his 2003 ultralight flight to celebrate the 100th Anniversary of Flight.

13 Oct—EAA Chapter 24 Meeting, Sundance Airport (KHSD) 13000 N Sara Rd, Yukon, OK 73099 Phone: (405) 373-3886.

22 Oct—EAA Chapter 1098 Meeting, fourth Saturday of the month at 2:30 PM Twin Lakes Airport (2OK2) Newalla, OK

21-23 Oct—37th Flying M Ranch Fly-In Reklaw TX.

28-29 Oct—2022 Lonestar STOL & Husky National STOL Season Finals Gainesville, Texas Airport (KGLE)

5 Nov—OK Antique Airplane Assoc. Fly-In, Pauls Valley Mun. Airport, OK. 404-238-4035.

*More coming next month.*



## Other Stuff For Sale

**Zenith CH 701 project** - Owner is asking \$5,000 and includes a Continental C-85. Project is located at KOUN. Contact the owner, Keith Layre at 405-629-9279 (request that you text him).



**Corben Baby Ace and Baby Ace Model D plan sets.** Plans were donated to the chapter and funds raised by from their sale will go to support chapter programs. The plans will be available for inspection at the July meeting. Price for either set is \$75.00.



**Chapter Meeting Pictures**



**Charlie Becker preparing for the WWW**



**One Week Assembly Area**



**WWW wing takes shape**



**Jim Putnam "egging on" Tim**



**Mower power to aviation**



**Beautiful Beaver on floats**



**Fly it like you STOL it!**



**This says it ALL!**



**Kitfox on the STOL course**



**Read the newsletter before you fly next!**



Check the chapter website for more pictures and information @

**1612.eaachapter.org**

## **Chapter 1612 Meeting Minutes September 2022**

- Meeting brought to order by President Muehlberg at 10:00 AM. Twenty-six members present
- VMC question on in-flight engine emergency and how to handle an off-airport landing presented by VP D'Angelo
- "What is it" aircraft the Baker MB-1 flying wing discussed by VP D'Angelo
- President Muehlberg discussed the screening of "Inside the Sky" movie on aviation in Oklahoma to be presented at Gary and Karen Manning's hangar on October 15, 2022. Muehlberg also discussed the possibility of starting a Chapter 1612 aircraft project.
- President Muehlberg addressed purchasing Chapter merchandise for sale to membership. Good response.
- President Muehlberg mentioned upcoming STOL events in Arkansas and Texas as well as asked for membership support for the upcoming Oklahoma Antique Aircraft Association annual fly-in on 5 November 2022 at the Pauls Valley Airport
- The September EAA Video viewed by membership
- President Muehlberg offered Baby Ace plans for sale. Proceeds to go to our programs account.
- Meeting closed at 11:35



## Who is EAA and Chapter 1612?

**W**e are the Experimental Aircraft Association (EAA) a growing and diverse organization of members with a wide range of aviation interests and backgrounds and a mission of growing participation in aviation to include antiques, classics, warbirds, aerobatic aircraft, ultralights, helicopters, and contemporary manufactured aircraft.

EAA and Chapter 1612 enables you to share the spirit of aviation with the most passionate community of recreational pilots, builders, and restorers. We are an association that offers the fun and camaraderie of participating in the flying, building, and restoring of recreational aircraft with the most passionate community of aviation enthusiasts. Come join us today!

### **President**

Eric Muehlberg  
405-923-6749  
smuehlberg@pdi.net

*Visit the chapter website  
at [1612.eaachapter.org](http://1612.eaachapter.org)*

## Chapter Leadership and Contacts

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# EAA Chapter 1612 Membership Form



Date \_\_\_\_\_

EAA Member # \_\_\_\_\_

Name \_\_\_\_\_

Email \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

(Annual chapter dues are \$20.00)

**Optional information** \_\_\_\_\_

What are your aviation interest / goals? \_\_\_\_\_

\_\_\_\_\_

Are you a pilot? (Yes) (No) If yes, what ratings do you hold? \_\_\_\_\_

Do you hold a maintenance rating? (Yes) (No) If yes, what ratings do you hold? \_\_\_\_\_

Have you built / restored or are you building / restoring an aircraft? (Yes) (No) If yes, what type(s)? \_\_\_\_\_

Are you contemplating building or restoring an aircraft? (Yes) (No) If yes, what type(s) interest you the most? \_\_\_\_\_

\_\_\_\_\_

Do you own or have you owned an aircraft? (Yes) (No) If yes, what type(s)? \_\_\_\_\_

\_\_\_\_\_

What type of presentations would you like to see at future meetings? \_\_\_\_\_

\_\_\_\_\_

**Chapter mailing address is;**

EAA Chapter 1612  
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Newcastle, OK 73065

**Chapter Meetings are the 2<sup>nd</sup> Saturday**

**Chapter President** - Eric Muehlberg  
405-923-6749