



# EAA Chapter 1612 Newsletter



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

Volume 3 Issue 11

9 November 2021

## From the Front Seat—President Eric Muehlberg

Wow, October is gone and we're already into the second week of November. October offered several local area aviation events to attend. I was lucky enough to make a few of them. Chapter 24 held their last breakfast and Young Eagle rally of the year on the 28th. Saw several of our chapter members at the breakfast. Another was the fly-in lunch held at



McCaslin's (O44) on the 30th of October. This was the first time in many years that they'd held the fall Fly-in event. Dennis flew his Champ, and I flew the Colt in for some great ham-burgers and hot

dogs.

Now we're into November and the Oklahoma AAA (Antique Aircraft Assoc) located at Pauls Valley (PVJ) held their annual fly-in and car show on the 6th. The weather was idea for Oklahoma in November with temps near 70 and light winds, resulting in a big turnout. Over 70 aircraft



and more than 100 show cars were on display. Besides the cars and planes, the event featured live music, several food trucks and miscellaneous vendors were on site. At least 10 chapter aircraft flew in and I met 20 or more of our chapter members over the course of the day. It was a good way to end the fall fly-in season.

Our November fly-in/drive-in meeting will be at the David J. Perry Airport (1K4) this Saturday. The meeting will begin at 10:00 am. So come out for coffee, donuts and a bit of aviation-related conversation before our meeting.

We will be taking nominations and voting for chapter officers at this month's meeting. According to our Chapter charter, we elect officers every 2 years. If you're interested in serving in a position for the next 2 years, please let me or one of the chapter officers know. As usual we'll have the VMC question of the month, the EAA chapter video and a presentation or two that I'm sure you'll find interesting. This will be the last regular meeting of 2021.

To close out the year, our December meeting will be the annual OKC Tri-Chapter Christmas dinner held at Twin Lakes on the 11th of December. This is always a well-attended event with fantastic food. We'll have more information to come on the dinner in our December newsletter.

This year started out under less-than-desirable circumstances. Although we're not back to what used to be normal, things have improved a lot. We have much to be thankful for during the upcoming holiday season.



*Eric*

### Inside this issue:

<b>MEETING LOCATION</b>	<b>2</b>
NESMITH COUGAR	2
VMC CLUB QUESTION	2
WHAT IS IT?	3
EVENTS	3
CHAPTER PICTURES	4
CHAPTER INFORMATION	5
Chapter Application	6



# 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 13 November 2021 and will start at approximately 1000 and run until 1130. If you have questions contact Eric Muehlberg at 405-923-6749 or smuehlberg@pldi.net.



David J. J. Perry Airport (1K4)

## Nesmith Cougar — A What If Drill

How many of you have heard of the Nesmith Cougar? For those who haven't, the Cougar was designed in



**"THE COUGAR WAS DESIGNED IN THE MID-1950S BY ROBERT NESMITH AS A LIGHT AND RELATIVELY FAST HOMEBUILT AIRCRAFT."**

the mid-1950s by Robert Nesmith as a light and relatively fast homebuilt aircraft. The catch was the plane was a direct copy of the Wittman Tailwind design except the aircraft did not have flaps. Everything else was pretty much a copy of Wittman's W-8 design. The story goes that Steve Wittman queried Nesmith about the design, but never challenged his work—things were much different in the 1950s than today; so the two aircraft exist today albeit you rarely see a Cougar. You can purchase plans through Acro Sport Inc. for \$135, but if you have a set of Tailwind plans you could easily duplicate the Cougar.

One could build the Wittman W-10 wing without flaps and use the Wittman trapezoidal wingtips for better stall and cruise speed. Lowell Johnson's Cougar (see Apr 65 Sport Aviation pg 36-37) had a power-off stalling speed of 55 mph at a 1400 lb gross weight and with the W-8 wing span of 20 feet. I believe you could easily hit the 51 mph stall limit for light sport aircraft with the larger Wittman W-10 wing (24 ft) and would only have to limit the max



Jim Clements W-10 Tailwind

cruise speed to 140 mph using propellor pitch. If you are not a Light Sport pilot, the Cougar will easily achieve 150 mph or higher on 108 HP. According to Earl Luce, of Buttercup fame, the Buttercup and Tailwind perform best when kept light and with relatively low horsepower. Earl believes the best

engines for the Tailwind (or Cougar) is the either the O-235 or O-320. The Cougar is an aircraft design that merits a little closer look.

Give me your thoughts when I see you at the next meeting. Until then. Keep 'em flying.

**dd**  
**Denny D'Angelo**

## VMC Question of the Month

### The question:

You are on takeoff roll departing David J. Perry for your return to Sundance airport when at rotation speed your left tire blows off the rim in pieces. You continue to climb out. What are your next steps? How would you plan for your eventual landing?



## What is it?



It is a Cessna CR-3 racer. The CR-3 was a mid-wing radial engine taildragger racer with manual retractable landing gear and a tail skid. The propeller was from a clipped wing Monocoupe racer #14. The tail surface was designed to be neutral, without downforce in flight. The elevators experienced significant vibration in test flights

without the wing root fairings installed.

The CR-3 was ordered by air racer Johnny Livingston in response to the performance he saw when competing against the Cessna CR-2 in the 1932 National Air Races. The CR-3 was of shoulder-wing design.



*Here is the December "What is it?"*

## Don't Miss These Coming Events



**11 Dec 21 4-8 PM OKC Tri-Chapter Christmas dinner held at Gary Manning's hangar on Twin Lakes Airport. Bring your favorite Christmas food dish to share.**

**7-10 Mar 22 HAI HELI-EXPO 2022  
Dallas TX, USA**

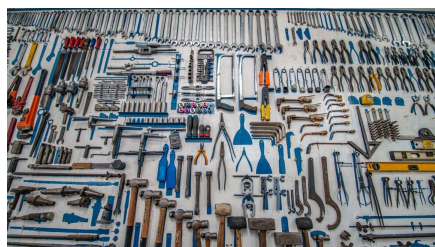
**5-10 Apr 22 Sun N Fun Aerospace Expo  
Lakeland FL, USA**

**More coming next month**



## Tool Loaner List—

Check our website at for more info





Chapter Meeting Pictures



Three Amigos at Brian Stenseth's Strip



Steve Ingraham's RV



Jessie Sullivan's C-182



Gary Manning's Ercoupe



1956 Cessna 180



De Havilland Beaver



The very rare Quikie



1960 Ford Ranch Wagon



2021 Vette

Hey, did you read the whole newsletter?





## 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@pldi.net

---

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

---

## Chapter Leadership and Contacts



### **President**

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

### **Vice President/Newsletter**

Dennis L. D'Angelo  
813-334-7309  
EAA48@aol.com

### **Secretary/Flight Advisor**

Mitch Williams  
405-574-6842  
mitchw1962@gmail.com

### **Treasurer**

Columbus Nobles  
405-517-8202  
Cnobles@reagan.com

### **Young Eagle Coordinators**

Robert & Christy Self  
580-799-2572  
robert.self@ymail.com

### **Eagle Flight Leader**

Jim Thomas  
405-250-5397  
buster40511@gmail.com

### **Technical Counselor**

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

### **Website Editor**

Ms. Victory Stevens







# 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  
954 Redbud Lane  
Newcastle, OK 73065

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

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