



# ***EAA Chapter 1612 Newsletter***

## ***November 2020***



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

Volume 2 Issue 11

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## **From the Front Seat—President Eric Muehlberg**

The last two meetings have lacked the participation of previous 1612 gatherings. September and October were both nailed with heavy fog that lasted until late in the day. The fog banks kept all but one individual from flying in to the September meeting (he owns a Scout) and no one flew in for the October meeting. I'm hoping our November meeting will fare better. Although the forecast is predicting rain possible for this Saturday. Our plan is to meet at the Quonset hangar again unless the weather forces us inside the terminal building. If we have to move inside, I'd ask everyone one to wear a mask as the state's COVID-19 count is currently spiking. I don't want anyone to be infected at one of our events.

Tony Martin is back from his RV transition training and sent me a video a few days back of his first engine run. He must be really close to putting some altitude under the RV-14A's wings. I'm hoping he'll have the time to brief us on what the whole experience has been like for him.

As many of you are aware Herb Driskill passed away from a battle with COVID-19 recently. Herb was an active and long-time member of both Chapters 24 and 1612. He was a past president of Chapter 24 and served as a Technical Counselor and Young Eagle pilot in both chapters. Herb was an active pilot and aircraft owner that was passionate about everything related to aviation—especially his Bonanza. He will be deeply missed by all who knew him.



December's meeting will find us at Twin Lakes Airpark, specifically at Gary Manning's hangar for the Annual OKC Area EAA Chapters (24, 1098 & 1612) Christmas dinner. This is always a must-attend gathering. The food is always great and the dinner well attended. If you can fit it into your holiday schedule you won't regret it. I'll send out all the particulars, directions and a map in a few weeks.

I'll send out a separate email with the November EAA Chapter video for those who would like to view it. The email will provide you with a direct link to download the video. In this month's Chapter Video Magazine, Charlie Becker announces EAA's newest virtual event, Homebuilders Week and the resumption of EAA SportAir Workshops, both happening in January 2021. He notes that EAA's B-17, Aluminum Overcast, had a successful tour stop in Cedar Rapids, Iowa. Charlie continues with a last-call reminder to enter the chapter drawing for the Lincoln TIG Welder Contest, provides details on the EAA Barnstorming Deal of the month, and explains how to earn Chapter Recognition credits by attending EAA's Virtual Chapter Leadership Training Webinars. He notes that there have been changes to the 2020 Chapter Recognition program; a chapter renewal email will be arriving in inboxes in November, as well as chapter service award pins and certificates. Charlie concludes with the announcement of a new Adirondack chair program chapters can take part in to be recognized at the Blue Barn during EAA AirVenture Oshkosh 2021.

Hope to see many of you this Saturday.

*Eric*

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

This month's meeting will be a more traditional meeting; however, we will still gather on the ramp at David J. Perry (1K4) on 14 November 2020 from 0830-1000. There will be donuts and coffee. If you have questions contact Eric Muehlberg at 405-923-6749 or smuehlberg@pdi.net



David J. Perry Airport (1K4)

## Calipers

### How to Measure With Precision

**"CALIPERS ARE  
AMAZING LITTLE  
PRECISION  
MEASUREMENT  
TOOLS. "**

Calipers are amazing little precision measurement tools. They provide four distinct ways to measure, each with incredible utility—inside diameter, outside diameter, depth, and step. Let's discuss how to make these measurements.

Let's start with outside measurement. The simplest of all the caliper measurements, outside measurement involves measuring the outside surface of an object. Take the object you need to measure, open the lower jaws of the caliper, and then close the jaws gently around the object. Then just read the measurement from the digital screen or on the manual scale. Remember to make sure your caliper is perpendicular to the object you are measuring, and that there is no dirt or residue on the jaws that could invalidate the measurement.

The second type of measurement is inside measurement. For inside measurement, you will use the upper, smaller jaws of your caliper. Start by closing the upper jaws and placing them into whatever space you are measuring. Then, slowly open the jaws until they are pressed against the edge of the inside surface. Once the jaws are pressed against the edge of the space, you

can read off the measurement you were looking for. Again, make sure the caliper is properly lined up with the object.

The depth measurement is used for determining the size of a particular hole and for this purpose you will use the depth rod at the end of the caliper. Simply put the machined end of your caliper at the top of the hole you are measuring and extend the depth rod until it makes contact with the bottom of the hole. Read off the measurement, and you are done. Double check that you are holding the caliper parallel to the hole you are measuring, as any off angle could give you a false measurement.

Finally, there is the step measurement. A slightly more complex and lesser-known technique, step measurement can be very useful. Start by placing the sliding jaw of the caliper on the upper step of the object you are measuring, with the caliper just slightly open. Slowly begin to open the caliper further until the fixed jaw hits against the lower step of the object. Then read off the measurement and voila!

Calipers are a necessary tool for any successful precision measurement toolbox, so don't hesitate to get a set soon.

**High Precision Inc.**

## VMC Question of the Month

### The question:

With the Altus AFB tower operating, can you fly into Altus Quartz Mnt airport (KAXS) without contacting Altus tower?



### What is it?



It is the *Boeing Bird of Prey*.

The YF-118G is a test bed aircraft built by McDonnell Douglas (now Boeing) Phantom Works in the 1990s. The aircraft's first purpose was to prove out stealth

technology. Consistent with its low-observable characteristics, the Bird of Prey was assembled using carbon-fiber composite materials. Only three pilots flew the Bird of Prey, and all of them had their doubts about the test aircraft's handling qualities. It now hangs in the National Museum of the Air Force.



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

### KR2 Project For Sale—Help The Chapter

Tim Muehlberg purchased a house at Thompson Airfield and while cleaning out his new hangar came across the plans and material for a Ken Rand KR2 project. The plans appear to be



complete, some of the wood parts have been started, and there are numerous templates that can be used to cut out the remaining parts.

The fuselage, horizontal fin, and elevators are framed, so we estimate the project is



about 10% complete. Additionally, there is a large cache of spruce



wood that is ready to be cut to size.

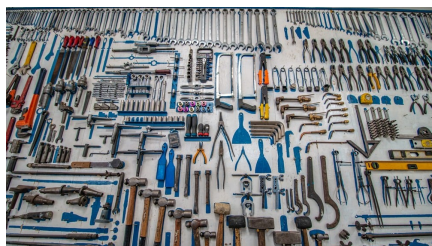
Tim has agreed to put the project up for sale and donate the proceeds to Chapter 1612.



If you are interested in purchasing the project, contact Eric Muehlberg and he can arrange for a visit to see the materials and finished parts. Eric is looking for an offer, so no fixed price has been set—remember this is for the chapter. Eric can be reached at 405-923-6749, or by email at [smuehlberg@pldi.net](mailto:smuehlberg@pldi.net).

*dd*

**Tool Loaner List—**  
Check our website at for more info





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## EAA 1612 Chapter Pictures: OAA Fly-in and Car Show KPVJ

*Pictures by Doug Franz*





## 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

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*Visit the chapter website at  
**1612.eaachapter.org***

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## Chapter Leadership and Contacts



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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  
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