



# EAA Chapter 1612 Newsletter

## April 2020



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

Volume 2 Issue 4

8 April, 2020

## From the Front Seat—President Eric Muehlberg

Unfortunately this newsletter finds us in a new reality. Shelter in place and social distancing are now the new normal. Unfortunately, many in our community have been impacted financially and socially due to the Corona virus. On the positive side, for those of us with aircraft requiring some maintenance or projects waiting to be built, it's an opportunity to make some progress. For the most part, it's fairly easy to practice social distancing while working on your aircraft or project in the hangar, shop or garage. And isn't flying solo the definition of social distancing? Other than the weather and maintenance, there isn't much to stop you from taking to the air. Need parts or advice, Aircraft Spruce and information are only a phone call or a few clicks away. I'm using this time preparing my long-term Piper Colt project for fabric covering. It's been sitting in the back of the hangar for many years waiting for its new set of clothes. So it's been moved to the front of the line.

You will find a link to the April EAA Chapter video in this newsletter. This month Charlie Becker updates everyone on the status of all things related to the chapter programs and the outlook for AirVenture 2020.

We are also providing a link to a great video our fellow chapter member Myles Berthold put together during his social isolation in Altus. The video is a collage of video images of his RV-4 and other chapter members' aircraft flying all over Oklahoma and neighboring southwestern states. It's just what we need during this time of social distancing. Thank you Myles, super video! I can't wait for the next one.

I hope each of you can find something positive during this historic and challenging time. Best wishes and stay healthy, this situation will pass.

Tailwinds,

*Eric*

### [Watch The EAA Chapter Video Here](#)

[http://eaa.brightcovegallery.com/chapters?mkt\\_tok=eyJpIjoiTmFnM1lUQm1PV1JrWW1SbSIsInQiOiJranJRNWN2MHh2T3ZaTWVxV29raFMrOHpRNFRFZ01DY0FoRHZkSzZVb1Zvb1dwbnBZQlZPblwvMkNXQWFVYzU4Nk1UOVJuQ1VBM3pCa1ViR3VNQmx2RkVMVGluclVGvXhmcmVZeTJCVE5cL0taK2R1T3REVFjFsMmFGdFNKeklqTVVVIn0%3D](http://eaa.brightcovegallery.com/chapters?mkt_tok=eyJpIjoiTmFnM1lUQm1PV1JrWW1SbSIsInQiOiJranJRNWN2MHh2T3ZaTWVxV29raFMrOHpRNFRFZ01DY0FoRHZkSzZVb1Zvb1dwbnBZQlZPblwvMkNXQWFVYzU4Nk1UOVJuQ1VBM3pCa1ViR3VNQmx2RkVMVGluclVGvXhmcmVZeTJCVE5cL0taK2R1T3REVFjFsMmFGdFNKeklqTVVVIn0%3D)

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Checkout Myles Cool Flying Video at:

<https://youtu.be/w8hJ7n2HqJk>



## EAA Chapter 1612 Newsletter

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

**CHAPTER MEETINGS ARE ON HOLD DUE TO COVID19 SITUATION IN OKLAHOMA. WE ANTICIPATED MEETINGS RESUMING IN MAY 2020.** If you have any questions, don't hesitate to contact Eric Muehlberg at 405-923-6749.



David J. Perry Airport (1K4)

### Short Course in VFR Near Military Training Routes Dennis D'Angelo

**"MTR USERS ARE  
WAY FASTER THAN  
YOU....AIRCRAFT  
OPERATE AS FAST  
AS 450 KIAS  
(~520 MPH)..."**

**H**ave you looked at the number of Military Training Routes (MTR) in the vicinity of Oklahoma City? There are approximately 20 such routes in a 70NM radius around KOKC! Chances are you will cross one or more if you are flying in the local area. So what do you really need to know about the routes to be safe? **MTR Users Are Way Faster Than You:** Military Training Routes are aerial corridors across the United States in which military aircraft can operate below 10,000 feet faster than the maximum safe speed of 250 knots below 10,000 feet. Aircraft can operate as fast as 450 KIAS (~520 MPH) and even the Slow Routes (SR) have aircraft operating at 250 KIAS (~290 MPH).

**MTR Users Can FLY Low Ceiling and Visibility Conditions:** There are three types of routes: Instrument Routes (IR), VFR Routes (VR), and Slow Low Altitude Routes (SR). The IR routes require a ceiling of 1500 feet and 3 NM visibility or greater, VR routes require a minimum ceiling of 3,000 feet and 5 NM visibility, and SR routes require VFR conditions and the aircraft operate at a max speed of 250 KIAS at a max height of 1500 AGL. The routes are numbered and the number of digits have a meaning. Routes with a route segment above 1500 AGL will have a 3-digit identifier (IR171). Routes with no segment above 1500 AGL will have a 4-digit identifier (VR1137). The IR and VR routes are depicted on VFR Sectional Charts; however, those pesky SR routes are not.

**OK, Here Are Simple Rules of Thumb:**

When flying close to an MTR:  
a. anticipate a fast aircraft within 1NM either side of route centerline, b. expect the fast move to be any altitude from hugging the earth to 3000 AGL, c. don't expect the military aircraft crew to see you—they are busy training on the route, and d. attempt to cross the routes as close to 90 degrees as possible to limit exposure. Last thought...

**Talk To Someone:** Information regarding any route can also be obtained from a Flight Service Station within 100 miles of the route and includes times of scheduled activity, altitudes in use on each route segment, and actual route width.

**Be Smart:** There is nothing

illegal about flying near or through an MTR, just be smart and safe. Contact Flight Service, keep your head on a swivel looking for traffic, and cross the routes as quickly as possible. This way you will not end up with a F-15 using you as low-level target practice.

**Watch this** <https://www.youtube.com/watch?v=INcWJYFvSkQ>



### VMC Question of the Month

#### The question:

What is the meaning of the Red Rocket symbol? Hint—there is a similar place in Oklahoma. Where is it?



### What is it?



#### **The February "What is it" is a X24B Lifting Body**

The X-24B's design evolved from a family of potential re-entry shapes proposed by the Air Force Flight Dynamics Laboratory, each with higher lift-to-drag ratios.

To reduce the costs of constructing a research vehicle, the Air Force returned the X-24A to Martin for modifications that converted its bulbous shape into one resembling a "flying flatiron" —a rounded top, flat bottom, and a double-delta planform that ended in a pointed nose.

Top speed reached by the X-24B was 1,164 mph (Mach 1.75) by Love on Oct. 25, 1974. The highest altitude reached was 74,100 feet May 22, 1975. See: <https://www.youtube.com/watch?v=yO3kS2mVIF4>



#### **Here is the May "What is it?"**

## Quick Pre-Heat Setup for Next Winter

**Myles Berthold**

The heater was pretty inexpensive and simple to construct—it took only 30 minutes to make.

#### **Supplies:**

1 Space Heater - Lasko Stanley Pro-Ceramic Utility Heater (\$40)

Dryer duct hose - 3 ft long - (\$5-10)

Dryer duct hose adapter (\$5-10) — (not necessary if you just want to cut a circle and stuff the dryer hose in)

Aluminum Food pan - 15x11x2 (\$3-5)

#### **Tools**

- Aluminum Shears or strong scissors

- Pop rivet gun
- Duck tape
- Measuring tape

To build it, just size up the space heater and cut the food pan to fit over top of the space heater. So that it ends up being a 5-sided 3D rectangle that fits over the space heater output vent. The idea being you have enough space to have the dryer duct adapter to fit while still covering the space heater output vent.

Once the 3D rectangle is cut and made, trace the dryer duct adapter outline in the center and cut out the circle. Then rivet the dryer duct adapter and the 3D rectangle together.

Next I just duct tape the assembly onto the space heater. I've been using the space heater for the entire winter season and it's still holding up well.

Putting the dryer hose up onto the bottom of the cowl heats up with oil pan well and engine compartment over a 1-hour period. I normally see oil temps 60-70F for start up when using the heater. Obviously the longer the heater is on, the hotter the engine will be. Make sure to keep the cowl plugs in and a blanket on top of the cowl to keep the

heat in. With a little work this summer, you will be basking in pre-heat next winter!

**Myles**

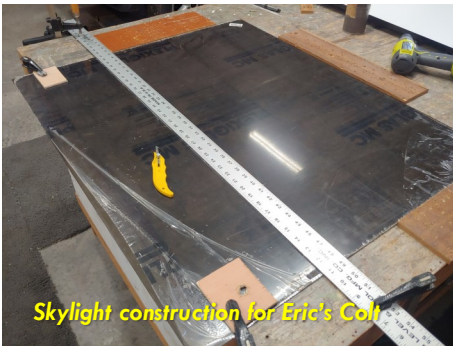


### **Tool Loaner List— Check our website at for more info**



## Volume 2 Issue 4

### EAA 1612 Chapter Pictures



Skylight construction for Eric's Colt



Completing the Colt skylight install



Can you see the skylight? :)



Covering the Colt fuselage



Aqua-AirCam Sebring Florida



Tweety enjoying the Sebring Florida



Bücker Jungmeister at Mike Araldi's



Myles Berthold's next airplane



Myles Berthold headed to Cedar Mills



Cedar Mills



Soon we will be back to this!





## 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**

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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;**

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

**Chapter President** - Eric Muehlberg  
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