



# EAA®

THE SPIRIT OF AVIATION

# Chapter 1612

June 2024

Newsletter

Volume 6 - Issue 6



## Inside this issue:

From the Front Seat	2
Meeting Location	3
What If Drill	3
VMC Scenario	3
What is it?	4
Chapter Merch & Tools	4
Coming Events	5
May 10th Chapter Flyout	6-7
Ray Scholarship Update	8
Aircraft For Sale	9
Meeting Minutes	10
Chapter Leadership	11
Chapter Application	12





# EAA Chapter 1612 Newsletter



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

## From the Front Seat—President Eric Muehlberg

Our Young Eagle Rally at the Chickasha Wings & Wheels event last Saturday was a huge success. Our team of Young Eagle pilots, coordinators, ground crew and Chickasha Wings pilots and planes allowed us to fly 123 Young Eagles in less than 3 hours. Weather conditions were near perfect with temps in 70s, light wings and a high cloud cover that kept the thermal activity to almost zero. We still had more Young Eagles who would have liked to have flown when the airspace closed for the airshow at 1130. Everything went smoothly and wait time for flights was short as those signing up came in a steady, manageable stream. This may have been the best event we've conducted at the Wings & Wheels event to date. I can't thank everyone enough for their help in making this large Young Eagle Rally a great success.

This Saturday is International Young Eagles Day and our Young Eagle coordinators and pilots will again conduct Young Eagle flights during the breakfast weather permitting. Travis Scafe and Pat Cohenour flew more than 10 Young Eagles last month before the meeting. We have already received several requests for flights for this Saturday and there are always a few walk ups. So we can always use a few more pilots and aircraft to help bring the joy flight to a young aspiring aviator.

Back on May 10th we had a short notice fly out to Ardmore Municipal Airport (ADM) and Jake's Joint restaurant as the weather was so nice. We had 6 aircraft flying in and over 10 folks in attendance. Photos of the aircraft and some of the attendees are posted in the photo section.

May was another successful breakfast for the chapter. In just our

first two breakfast events we have put more than \$700 into our flight scholarship account. Much of that success is attributed our chapter volunteers and especially to Larry and Millie Arnold's planning and preparation prior to the breakfast. I am so thankful for everyone involved in making the breakfast a success. If you haven't made it out to the breakfast come out and participate in all the fun and conversation prior to the meeting. This month's breakfast will start at 0800 and conclude at 0945 allowing us time to reconfigure the room for our regular chapter meeting which begins at 1000. If you would like to volunteer at the breakfast the show time is 0700.

Our next regular chapter meeting will be on Saturday 8 June at 10:00 am at the David J. Perry Airport (1K4) terminal building. We'll also have the usual VMC question and discussion, the "what is it" challenge, this month's EAA Chapter Video, an update from our Ray Scholar and a presentation or two that I'm sure you'll find interesting. Again, come out early and enjoy a great breakfast prior to the meeting and meet some new friends. Hope to see many of you this Saturday.

Tailwinds,

*Eric Muehlberg*



Wings & Wheels - Young Eagles Rally



# Meeting Location

David J. Perry Airport (1K4) Goldsby , OK

This month's meeting is at the David J. Perry Terminal building (1K4) on 8 June 2024 from 1000-1130. The Chapter will supply donuts and coffee. If you have questions contact Eric Muehlberg at 405-923-6749 or smuehlberg@pldi.net.

## What If Drill...Joe Kirk's Concept Sky-Rod

If you have been following my ramblings in this column you will remember an article on a Joe Kirk conceptual design called Ranch Hand. First, Joe Kirk was an early EAA member who postulated several design studies in the late 1950s through early 1960s. An engineer by trade, his ideas had merit and were depicted as drawings in Sport Aviation. For a few dollars and postage, EAA would sell members a 15" x 24" drawing—not plans—from which an energetic builder could construct plans to replicate the conceptual design. In fact, the single seat Ranch Hand was constructed and successfully flown by Ft Myers, Florida EAA Chapter 66 member, Hilton McNeal. In fact, the aircraft found its final resting place in the Oklahoma City area in 2017—no record of what happened exists today.

Joe Kirk believed a two-seat version of the Ranch Hand aircraft would be more suited to the needs of pilots of the day, so he penned the Sky Rod design. The Sky Rod used the same airfoil (NACA 23015) and wing planform as the Ranch Hand with a total span of 26 feet. The wing construction was all wood. The steel tube fuselage was redesigned to be a two-seat side-by-side arrangement with approximately 50-inch width for the passengers. The tail was conventional with horizontal tail and elevators, unlike the Ranch Hand which had a stabilator (flying tail). Mr. Kirk estimated an empty weight of 550 pounds and a maximum gross weight of 950 pounds. Power was the ubiquitous Continental A-65 giving the aircraft an estimated cruise speed of 95 miles per hour and a range of 280 statute miles.

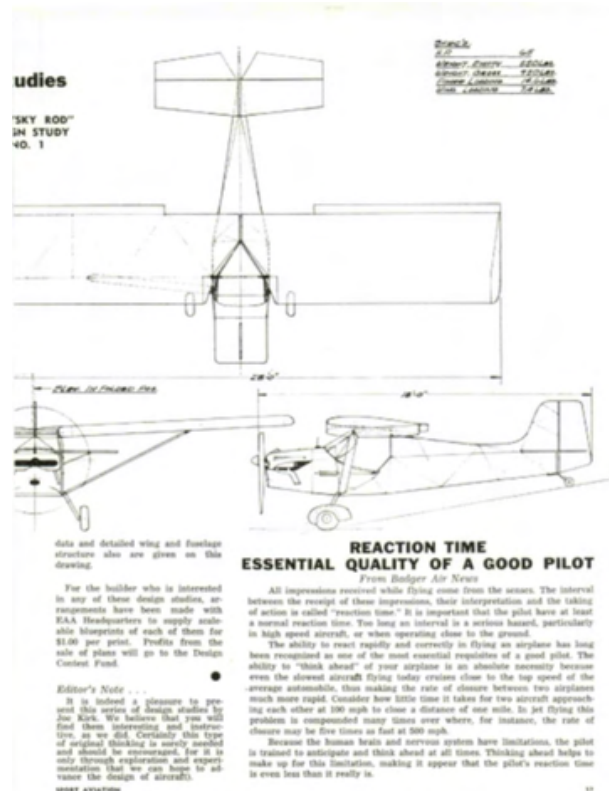
I believe this design has merit today. The number of materials would be minimal. Using the Aircraft Spruce catalogue and pricing a used O-200 the aircraft could be finished for under \$20,000 today. A good scrounger could finish the aircraft for under \$15,000. I would use latex house paint to finish the aircraft, further reducing costs. If we compare the aircraft to the Ranch Hand, Mr. Hilton found his craft to be a great off-airport aircraft with good speed. Ranch Hand flying characteristics were like the Aeronca Champ, so the average low time pilot with some

tailwheel time could easily transition into the aircraft. I believe the Sky Rod would be a good fit for many of our flying activities. Good performance, low operating costs, and easy to build.

I guess I am a sucker for the days when people would craft a design on the floor of their garage and a year later have a safe flying aircraft. I still believe there is a place for this kind of building activity today. Let me know what you think with a text to 813-334-7309 or give Eric your opinion. Until then...

...keep 'em flying.

*Dennis D'Angela*



**REACTION TIME ESSENTIAL QUALITY OF A GOOD PILOT**  
From *Bulger Air News*

All impressions received while flying come from the senses. The interval between the receipt of these impressions, their interpretation and the taking of action is called "reaction time." It is important that the pilot have at least a several reaction time. The long an interval is a serious hazard, particularly in high speed aircraft, or when operating close to the ground.

The ability to react rapidly and correctly in flying an airplane has long been recognized as one of the most essential requisites of a good pilot. The ability to "think ahead" of your airplane is an absolute necessity because even the slowest aircraft flying today cruises close to the top speed of the average automobile, thus making the rate of closure between two airplanes much more rapid. Consider how little time it takes for two aircraft approaching each other at 100 mph to close a distance of one mile. In jet flying this problem is compounded many times over where, for instance, the rate of closure may be five times as fast at 500 mph.

Because the human brain and nervous system have limitations, the pilot is trained to anticipate and think ahead at all times. Thinking ahead helps to make up for this limitation, making it appear that the pilot's reaction time is even less than it really is.

## VMC Scenario of the Month

The visibility and cloud clearance requirements in Class B airspace are 3 SM visibility and clear of clouds, while the Class C visibility and cloud clearance requirements are 3 SM visibility and cloud clearance of 1,000 feet above, 500 feet below and 2,000 feet horizontally. Considering the traffic in Class B airspace is more dense than Class C, why are the clearances lower?



# What is it?

## May 2024 Aircraft

Northrop's first postwar civil design was a three-engined STOL passenger and cargo transport named the Northrop N-23 Pioneer. The Pioneer could carry 36 passengers or cargo, with a cargo door and a "chin" hatch allowing the loading of 36 ft (11 m) lengths of pipes or timber into the aircraft's cabin at a cruise speed of 171 mph. In 1948, the United States Air Force placed an order with Northrop for 23 aircraft which first flew in 1949 with USAF beginning in 1950. These aircraft did not serve long as they were underpowered and they were soon sent to Sheppard Air Force Base, Texas and relegated to be ground instructional trainers until retired in 1955 and declared surplus.



**NORTHROP  
YC-125**

### General characteristics

- Crew: 4
- Capacity: 36 troops or 10,000 lb (4.54 t) cargo
- Length: 67 ft 1 in (20.45 m)
- Wingspan: 86 ft 6 in (26.37 m)
- Height: 23 ft 1 in (7.04 m)
- Max takeoff weight: 41,900 lb (19,006 kg)
- Powerplant: 3 × Wright R-1820-99 Cyclone 9-cylinder air-cooled radial piston engine, 1,200 hp (890 kW) each
- Propellers: 3-bladed constant-speed propellers

### Performance

- Maximum speed: 207 mph (333 km/h, 180 kn)
- Cruise speed: 171 mph (275 km/h, 149 kn)
- Range: 1,856 mi (2,987 km, 1,613 nmi)
- Service ceiling: 12,200 ft (3,700 m)



# Chapter Merch

Chapter 1612 T-shirts are now available in your choice of color and size. You can see an example in yellow. Price is \$20.00. We now also have chapter patches. Price is \$7.00 You can purchase either of these at your next chapter meeting.



## Tool Crib

Visit the Chapter 1612 website ([chapters.eaa.org/eaal612](http://chapters.eaa.org/eaal612)) to see the current list of tools in our tool crib and checkout policy

**SCAN ME**

**Chapter Socks Coming Soon.** We will be selling socks with the Chapter 1612 logo on them in the near future. The price will be reasonable. Be the first with your Chapter 1612 socks.

# Coming Events

## June

**8 Jun 2024** - EAA 1612 Pancake Breakfast - 8-9:45AM (1K4)

**9 Jun 2024** - Alva Regional Airport Donuts & Coffee 8-10AM (KAVK)

**12 Jun 2024** - Guthrie Regional Airport Lunch at the Airport 12PM (KGOK)

**15 Jun 2024** - Woodring's Fly-In Breakfast 7:30-10AM (KWDG)

**22 Jun 2024** - EAA Chapter 24 Pancake Breakfast - 8-11AM (KHSD)

**22 Jun 2024** - Twin Lakes Airport BBQ 4:30PM (2OK2)

## August

**10 Aug 2024** - EAA 1612 Pancake Breakfast - 8-9:45AM (1K4)

## July

**6 Jul 2024** - Ponca City Aviation Booster Club Fly-In/Drive-In Breakfast - 7-10:30AM (KPNC)

**13 Jul 2024** - EAA 1612 Pancake Breakfast - 8-9:45AM (1K4)

**22-28 July 2024** - EAA AirVenture Oshkosh

# Webinars

## EAA Webinars

These live multimedia presentations are informative and interactive, allowing the presenter to use slides and audio, while audience members can ask questions and be polled for their opinion.

### **System Requirements for Attendees**

You can easily attend a session from anywhere, anytime, using a compatible computer or mobile device! To get the most out of GoToWebinar, you can download and install the full-feature desktop software on your Windows and Mac computer.

See Download GoToWebinar for your download options. You can also check your system's compatibility automatically.

Some EAA Webinars qualify for credit in the FAA's WINGS or AMT awards program. Visit [www.faasafety.gov](http://www.faasafety.gov) for details.

## FAASTeam Webinars

The FAASTeam sponsors thousands of aviation safety seminars and webinars throughout the country each year. These interesting and informative seminars and webinars include a variety of important safety topics designed to reduce risk and increase the level of safety in aviation operations.

You can find these webinars at <https://www.faasafety.gov/spans/events/eventlist.aspx>

Visit [rb.gy/352l9](https://rb.gy/352l9)  
or scan the QR code below  
for a list of available webinars



# Chapter Pictures

## *May 10th Chapter Flyout*



Check the chapter website for more pictures and information

**[1612.eeachapter.org](http://1612.eeachapter.org)**



# Chapter Pictures

## *May 10th Chapter Flyout*



Check the chapter website for more pictures and information

**[1612.eeachapter.org](http://1612.eeachapter.org)**



# Ray Scholarship

## Jayden's Update

We want to congratulate our Ray Scholar Jayden Warden on her first solo flight at the Sundance Airport on 27 May. She was flying a Piper Cherokee. We'll hear her story of the experience at this month's chapter. Well done Jayden!



Check the chapter website for more pictures and information

[1612.eeachapter.org](https://1612.eeachapter.org)





# AIRCRAFT



Aircraft: 1978 PA38-112 PIPER TOMAHAWK

Engine: Lycoming O-235-L2C

Seats: 2

# \$34,900



- Stored in hangar
- Fresh Annual
- Lycoming O-235-L2C
  - TSMOH 2310(2400 TBO)
  - 7262 TTSN
- Skytec Starter
- SureFly electronic ignition
- Engine heater
- GT50 clock G meter
- AGM-battery

Contact Michael McCurdy  
(405-202-9941)

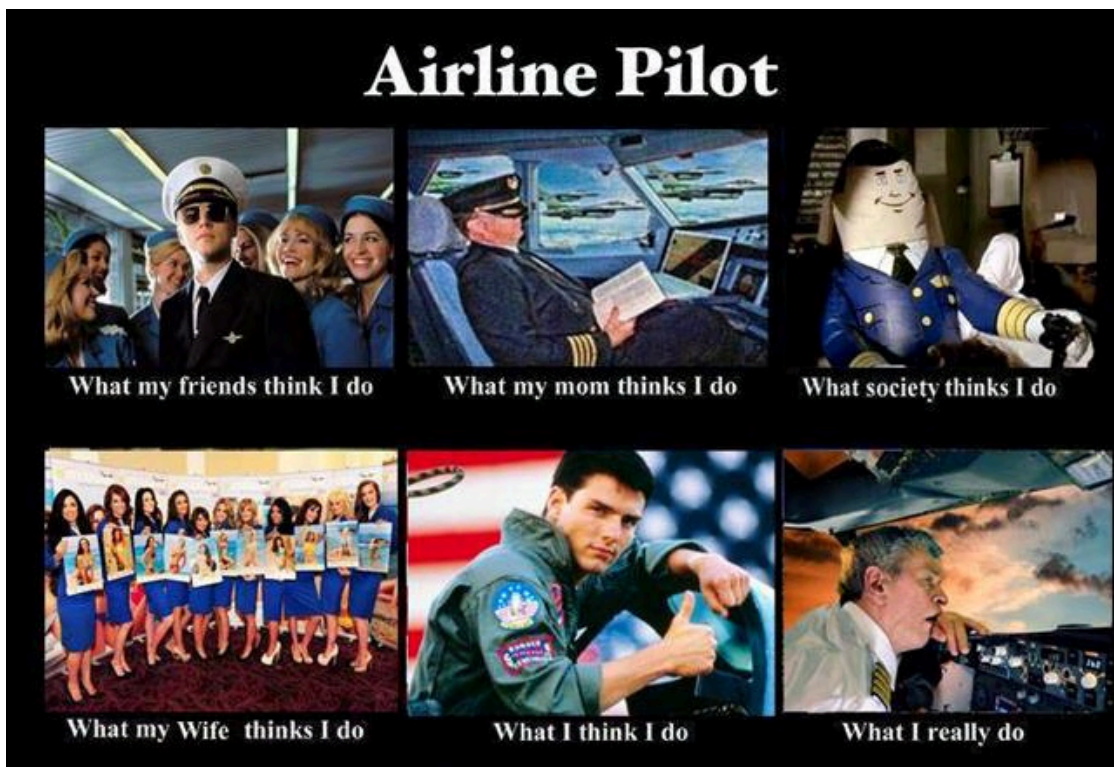
# Chapter 1612

## Meeting Minutes

11 May 2024



- 1000 Meeting called to order by President Eric Muehlberg
- Attendance: 36 members
- What is it - Northrup YC-125 N-23 Pioneer
- Discussing C.G. for performance and safety
- Build and fly program in development
- Viewed chapter video
- \$260.00 donations from our pancake breakfast
- Eric described his latest trip to EAA headquarters
- The chapter is now a 501C3 organization
- 12 Young Eagles flown today
- 1130 Meeting adjourned



# Who is EAA and Chapter 1612?



We 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 use today!

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

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

## Chapter Leadership & Contacts

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

### **Vice President**

Frank Lucky Macy  
484-326-1465  
luckymacy@hotmail.com

### **Treasurer**

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

### **Secretary**

Brian Stenseth  
623-388-7651  
LC130@hotmail.com

### **Technical Counselor**

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

### **Website Editor**

Nicholas Rutledge  
405-205-9002  
nicholas.p.rutledge@gmail.com

### **Flight Advisor**

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

### **Eagle Flight Leader**

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

### **Young Eagle Coord.**

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

### **Young Eagle Coord.**

Travis Scafe  
405-615-8910  
travisscafe@gmail.com

### **Young Eagle Coord.**

Victoria Stevens  
TBD  
victoryintruth@protonmail.com

### **Chpt. Membership Coord.**

Tim Muehlberg  
817-705-6560  
eaa.chapter.1612.ok@gmail.com

### **Newsletter**

Olan Hodges  
214-585-2561  
olanhodges@gmail.com





# EAA CHAPTER 1612 MEMBERSHIP FORM



Name: \_\_\_\_\_

Phone: \_\_\_\_\_

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

E-mail: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

What are your aviation interests / goals?

---

---

Are you a pilot? If so, what rating do you hold?

---

---

Do you hold a maintenance rating? If so, what rating do you hold? \_\_\_\_\_

---

Have you built / restored or are you building / restoring an aircraft? If yes, what type(s)? \_\_\_\_\_

---

Are you contemplating building or restoring an aircraft? If yes, what type(s) interest you the most? \_\_\_\_\_

---

Do you own or have you owned an aircraft? If yes, what type(s)? \_\_\_\_\_

---

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

---

**Chapter Meetings are the 2nd Saturday**  
**Chapter dues are \$20**

*Chapter mailing address is:*  
**EAA Chapter 1612 Chapter President - Eric Muehlberg**  
**954 Redbud Lane 405-923-6749**  
**Newcastle, OK 73065**