



THE SPIRIT OF AVIATION

Chapter 1612

December 2024

Newsletter

Volume 6 - Issue 12



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EAA Chapter 1612 Newsletter



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

From the Front Seat—President Eric Muehlberg

It's hard to believe 2024 is almost over and 2025 is just a few weeks away. 2024 has been a very good year for Chapter 1612 and I would like to mention many of those achievements this month. First, we were again awarded the EAA Chapter Gold Medallion in April for everything we did in 2023 and I believe we should achieve that status again for 2024. Of the over 900 EAA Chapters only 63 achieved that status for 2023. We have earned the Gold Medallion every year since the program began.

Second, we were awarded our first Ray Scholarship in early 2024. We awarded that scholarship to Jayden Warren in April of this year. After 77 hours and a lot of hard work and perseverance she passed her check ride on 22 November and earned her PPL. She is now finishing her first semester of the Professional Pilot Program at Southeastern Oklahoma State University in Durant.

Third, in April the chapter took over the monthly Fly-in / Drive-in breakfast at the David J. Perry airport. Under the leadership of Larry and Millie Arnold and the help of many volunteers the breakfast is as successful as ever and is helping to fund future aviation scholarships for our chapter youth with all profits going into our aviation scholarship fund.

Fourth, another achievement for the chapter was earning the status of a IRS 501(c)(3) Not for Profit Corporation. This now allows individuals to make tax deductible donations to our chapter. We have since received a large cash donation of \$20,000 from chapter member Bob Kruse and 2 aircraft donations, a Tri-Pacer project and a Moni. The Tri-Pacer was sold for \$2,500 with funds deposited into the chapter scholarship account. The final disposition of the Moni is still to be

determined. It could become a chapter project or sold to further fund the scholarship program. The chapter has also received several other smaller cash donations to the scholarship fund. Now with approximately \$27,000 in our scholarship account, we can guarantee the funding of aviation scholarships for many years to come.

And the last achievement I'd like to mention is our Young Eagles program. Through the dedication and efforts of many chapter members we have flown close to 200 Young Eagles this calendar year with a few more possible this Saturday weather permitting.

I can't help from believing that 2024 has been the best year so far for our chapter. None of the above would have been possible without the chapter membership's dedication and willingness to step up and volunteer to make it all possible. Thank so much to everyone involved!

The Annual OKC Tri-Chapter Holiday dinner this past Saturday afternoon a big success with close to 100 folks attending with a good number our chapter

members and family attending. Thank you again to Karen and Garry Manning for hosting the event. If you missed out the next Tri-Chapter event will be in June of 2025

We will still conduct our regular Chapter breakfast and fly Young Eagles (weather permitting) from 8:00 to 10:00 am this Saturday morning, although there will not be a formal chapter meeting following the breakfast this December. So come out this Saturday and enjoy a great breakfast and participate in all the fun and conversation. All money raised from the breakfast goes toward youth aviation scholarships. If you would like to volunteer at the breakfast the show time is 0700. **Our next regular chapter meeting will be on Saturday 11 January 2025** at 10:00 am at the David J. Perry Airport (1K4) terminal building. Hope to see many of you at the breakfast this Saturday.

Tailwinds,

Eric Muehlberg



Meeting Location

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

This month's meeting is at the David J. Perry Terminal building (1K4) on 11 January 2025 from 1000-1130. The Chapter will host our fundraiser breakfast before starting at 0800. If you have questions contact Eric Muehlberg at 405-923-6749 or smuehlberg@pdi.net.

What If Drill - Eaves Skeeter Revisited

Many of you are familiar with Leonard Eaves as he was a founding member of EAA Chapter 24 and an avid Oklahoma homebuilder in the early days of EAA. He and his wife, Rita, built a Nesmith Cougar and his own design the Skeeter. Unfortunately, Leonard passed away flying his Skeeter and Rita left us of natural causes at age 98 in May 2019.

The Skeeter looks like a Wittman Tailwind with the wing on the bottom; however, there are some marked differences between the designs. First, is a combination of steel tubing, fabric, and aluminum which is unlike the Tailwind which is tube, fabric, and wood. Next the Skeeter uses a different airfoil, the NACA 64-412 as opposed to the Tailwind's modified NACA 4309. Both aircraft were optimized for speed with the Wittman pushing the limits. The Tailwind had several engines it was designed to fly behind with the Lycoming O-320 as most common, while the Skeeter was powered by a converted Lycoming O-290-G, ground power unit later upgraded to the O-320. Both the Skeeter and Tailwind have a boxy look; however, they do achieve good cruising speed with the Wittman in the 170 MPH range and the Skeeter 165 MPH.

Would the Skeeter be a viable homebuilt for today? The Skeeter while a simplistic airplane, does have some complexities. For instance, the wing is constructed of aluminum which requires significant work to build the spar and ribs. The Wittman wing is of wood and is much easier to build. The Skeeter fuselage and empennage are tubing, so welding is required. A possible design revision could be to build the fuselage as a monocoque and the empennage from aluminum. Included in the revision could be to restructure the canopy to be more along the lines of the RV-6 eliminating the swing-up door. Finally, a revamp of the cowling to look more like modern Tailwinds would be appropriate. Having said all the above perhaps keeping the aircraft close to the original design with changes to the cowling and canopy only would stay with Leonard's theme of simplicity. Of course, there are no current plans for the Skeeter exist, so an energetic EAA member

would have to replicate the aircraft from pictures in the April 1968 edition of Sport Aviation (pages 6-7).

So let Eric know your thoughts or drop me at text at 813-334-7309. Until then... keep 'em flying.

Dennis D'Angelo



VMC Scenario of the Month

What does this taxiway marker mean? Start from the left and work to the right. Would the 18L-36R meaning change if there were no arrows, no M, and the background was red versus yellow?



What is it?

November 2024 Aircraft

It is the Aerosport Quail, designed by Harris L. Woods of Woody Pusher fame. The Quail is an all-metal cantilever high-wing monoplane with an enclosed cabin and tricycle undercarriage. The aircraft uses simple flat-sided construction with pop-rivet assembly. The wing design is the NACA 23015 like that used on the Taylorcraft. The prototype was powered with a Rockwell L680R 2-stroke engine that produced 50 HP, but many versions used the ubiquitous 1600 or 1700 cc VW. The Quail had an empty weight of 435lbs and a gross weight of 750lbs. It had a cruise speed of 120 mph and a range of about 200NM.

It was first offered for sale in 1971. By the end of the 70s, 375 sets of plans had been sold and 26 aircraft were under construction with 10 total aircraft flying the skies. If you ever wish to see these in person, there are a few on display in the North Carolina Aviation Museum or the Pima Air Museum.

I would like to thank Jim Thomas for this information from the Pima Air Museum. We appreciate the input, Jim!!



General characteristics

- Crew: 1
- Wingspan: 24 ft
- Wing area: 84 sq ft
- Empty weight: 435 lb
- Gross weight: 750 lb
- Fuel capacity: 8
- Powerplant: 1 x Volkswagen Horizontally opposed piston, 50 hp
- Propellers: 2-bladed

Performance

- Maximum speed: 109 kn
- Cruise speed: 100 kn
- Stall speed: 39 kn
- Range: 196 nmi
- Service ceiling: 12,000 ft
- Rate of climb: 820 ft/min
- Wing loading: 8.92 lb/sq ft



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/eeaa1612) 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

December

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

14 Dec 2024 - EAA 1612 Pancake Breakfast - 8-9:45AM (1K4) - No Chapter Meeting!

February

8 Feb 2025 - EAA 1612 Pancake Breakfast - 8-9:45AM (1K4)

22 Feb 2025 - EAA 24 Breakfast & YE Rally - 8-10:30AM - Sundance Airport (KHSD)

January

11 Jan 2025 - EAA 1612 Pancake Breakfast - 8-9:45AM (1K4)

11 Jan 2025 - EAA 1612 Chapter Meeting - 10AM (1K4)

25 Jan 2025 - EAA 10 Pancake Breakfast - 7-9:30AM - Owasso, OK (O38)

25 Jan 2025 - EAA 24 Breakfast & YE Rally - 8-10:30AM - Sundance Airport (KHSD)

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 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.

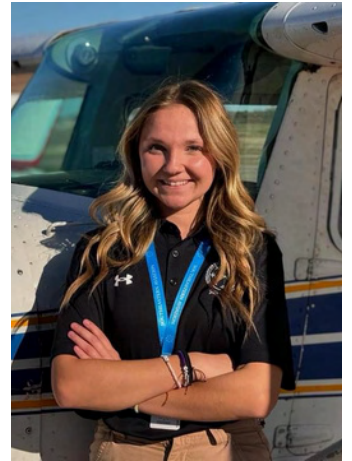
You can find these webinars at <https://www.faasafety.gov/spans/events/eventlist.aspx>

Visit rb.gy/352l9
or scan the QR code below
for a list of available webinars





RAY AVIATION SCHOLARSHIP



CONGRATS

WE'RE PROUD OF YOU!



Chapter Pictures

Enid Fly-out



Check the chapter website for more pictures and information

1612.eeachapter.org





FOR SALE

1946 Ercoupe 415C



Engine: Continental C-85-12F

- 839 Hours
- 85 hp @ 2575 RPM
- 5.4 gal/hr

Propeller: McCauley

- TTAF - 1978.3 Hours
- Always Hangared
- Fresh Annual
- Economical
- Easy to Fly
- Strong Support Community

Contact: Larry

Cell: 580-326-8643

Email: larnoldjw@aol.com

\$25,000

Chapter 1612

Meeting Minutes

9 November 2024



- 1000 Meeting called to order by President Eric Muehlberg
- Attendance: 24 members (2 new members)
- VMC Question discussion
- What is it? (Aerosport Quail)
- Chapter video
- Jim talked about his trip to Pima Air Museum
- 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

Jim Thomas
405-250-5397
buster40511@gmail.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