



Chapter 1612

March 2024

Newsletter

Volume 6 - Issue 3



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
Smokin' Joes Flyout	6
Meeting Minutes	7
Chapter Leadership	8
Chapter Application	9





EAA Chapter 1612 Newsletter



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

From the Front Seat—President Eric Muehlberg

We received big news about a week ago from the EAA Chapters office. Our chapter has been selected for one of 88 Full Ray Aviation Scholarships for 2024. The first paragraph of the message read as follows, “Congratulations! EAA Chapter 1612 has been approved for a 2024 Ray Aviation Scholarship! Due to your chapter’s dedication to EAA, youth engagement, overall activities and chapter health, and the wonderful application you submitted, EAA and the Ray Aviation Scholarship Review Committee are excited to have your chapter onboard this year!” The scholarship is worth \$11,000.00 toward flight training for one individual 16-18 years of age to earn their Private Pilot license. The Ray scholar must complete all requirements for a Private Pilot license within 12 months of the date EAA approves our scholarship candidate. We’ll provide additional information about the scholarship and the selection process to everyone attending the March meeting.

The chapter has been offered the opportunity to take over the monthly 3rd Saturday breakfast held at the David J. Perry terminal building. Larry Hinton and his crew have conducted 96 of these breakfasts over the last eight years raising a lot of money for local youth aviation programs. He has decided to retire from the breakfast beginning this March. I have talked with several of the chapter officers about the pros and cons of hosting a monthly breakfast of this caliber. We would like to discuss this opportunity with the chapter membership at our March meeting to gauge everyone’s support and obtain your thoughts. If you would like to contact me before the meeting to discuss the opportunity you are welcome to do so.

On 22 February we received the results of the 2023 Chapter Survey results from the EAA Chapters Office. The purpose of the annual survey according to the Chapters Office is as follows, “Attached to this email, you will find your 2023 Chapter Member Satisfaction Survey. We hope you find this document to be extremely valuable and share it with your chapter officers and board members to better understand the thoughts of your chapter members who elected to participate in the survey. EAA is encouraging you to use these survey results to help provide a more valuable experience for your members.” There were 44 respondents to the survey with generally positive comments about the chapter. I would like to share these results with the membership at this Saturday’s meeting so everyone can see how those who responded feel about our chapter.

We have scheduled a Young Eagle rally before our March meeting from 0800-1000. We have limited the rally to 10 Young Eagles. As always we could use pilots, planes and ground support folks to make this a successful event. It’s always hard to gauge the weather for these

events when scheduled several weeks in advance, so we’ll make a weather call on the rally on Thursday evening based on the forecast. If your available and would like to help fly a few Young Eagles before the meeting give me or Victoria a call, text or email.

This month’s meeting will be on March 9th at our regular time, 10:00 am at the David J. Perry Airport (1K4) terminal building. We’ll have the usual VMC question and discussion, the “what is it” challenge, this month’s EAA Chapter Video, a presentation or two that I’m sure you’ll find interesting. There will be hot coffee, donuts and other sweets on hand before and during the meeting. So come out and enjoy a bit of aviation centered conversation with friends new and old. Hope to see many of you this Saturday.

Tailwinds,



Rainbows in the West

Meeting Location

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

This month's meeting is at the David J. Perry Terminal building (1K4) on 9 March 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...Aero Sport Scamp

So, what is this Scamp airplane. Well back in the late 1960s there was a highly talented aeronautical engineer and designer named Harris Woods. Mr. Woods had worked for Lockheed, Piasecki, North American Aviation, and numerous other major aerospace companies over the years, so he was highly experienced in aircraft design. However, his true love was designing and building small aircraft and he eventually left the large companies and, over time, started his own business dedicated to the burgeoning homebuilder movement of the 1960-70s. He designed the Woody Pusher, a Curtiss-Wright Junior look-alike two-place all-wood airplane, the Rail, a single place pusher like a Breezy, the high wing single place all-metal Quail, and the Scamp, a single place all-metal construction, tri-cycle landing gear aerobatic biplane. That is correct, the Scamp is a tri-cycle landing gear aerobatic biplane that lands as easy as a Cessna 150 yet can assault the sky as it is stressed for 6 G positive and 3 G negative.

As you can see by the accompanying pictures, the Scamp is a little "funky" looking. The aircraft internal structure is designed around two 2" x 5" square aluminum tubes like a Benson gyrocopter—yes, Mr. Woods worked for Mr. Benson. The aircraft has a unique T-tail design and wired-braced wings. Since Mr. Wood was a large individual, the Scamp's cockpit was designed to hold a 6'5" 230-pound individual comfortably, so there is plenty of room for most of us. The aircraft is powered by either a 1700 or 1850cc Volkswagen air cooled engine. Empty weight is 520 pounds and gross weight is 775 pounds. The 1850 cc engine results in a power loading of 11.5 pounds/horsepower (a 150 HP Pitts S1C would be approximately 10 lbs./HP) and wing loading is 7.4 pounds/square foot which is very much akin to the Taylorcraft or Aeronca Champ. The Scamp will cruise at 95 MPH, stalls at 45 MPH, can achieve a maximum speed of 125 MPH, and has a range of 250 miles while consuming 3 gallons/hour of automotive fuel. The little aerobat will fly all the sport-type aerobatic maneuvers; however, with its tri-cycle landing gear, it is the only small biplane where landing is not the most

demanding maneuver. A good friend of mine flew an 1850cc powered Scamp back in the mid-1990s and said it was a blast. He flew through a series of aerobatic maneuvers to include loops, barrel rolls, hammer head turns, and hesitation point rolls, and all were accomplished with ease. His opinion was a new pilot with some aerobatic instruction could fly the Scamp without fear of overstressing the airframe or of landing. His closing comment was that the Scamp gave him the least expensive aerobatic flight he'd ever experienced—he owned a 200 HP Pitts S1S and flew F-4s for the USAF. Plans are still available from Harris Wood's grandson, Scott, for \$150 plus S&H. If you are interested, contact Scott Woods at taildraggerenterprises@gmail.com 919-820-6913. If Harris Woods had not passed away in the early 1970s, I believe there would be a lot of Scamps plying the skies today. Let me know what you think of the Scamp, by sending an email to AAA48@aol.com or let Eric know your thoughts. Until next month...

Dennis D'Angelo



VMC Question(s) of the Month

You are flying your Experimental Snark D300 from KRCE to 52F (shown) at 9,500 MSL at 250 KIAS and about to fly into the DFW Class B airspace. What are the requirements (pilot, equipment, weather, speeds, etc.) to enter into the Class B airspace---don't forget the 30 NM Veil either? Could Sport Pilot flying an aircraft that was not certified with an electrical system visit 52F?



What is it?

February 2024 Aircraft?

The DeLong "Little Mixer" is an amalgam design of the late 1950s by Darrell F. DeLong. Mr. DeLong decided to build his own airplane and rather than start from scratch he acquired the remains of one of the old Oregon homebuilt aircraft designed by Jim McManiman known as the Lee L-1P-S and called the "Little Mixer." DeLong designed new wings and tail surfaces that were built to his own designs. DeLong used many parts from existing aircraft such as the engine cowling from a Piper J3 along with Cub wheels, brakes, and tailwheel. The ship is an open cockpit, parasol type, and somewhat resembles the Corben "Baby Ace" in its general configuration. Like the Baby Ace, the wings are of wood construction and use the Clark Y airfoil. The fuselage and tail are built of steel tubing, welded together. The landing gear is rigid, hence, the use of the large 8.00 x 4 tires. Here are some of the details of the Lee L-1P-S "Little Mixer"

Wing span.....26 ft.
Length.....17 ft. 8 in.
Empty weight.....673 lbs.
Loaded weight.....951 lbs.
Wing area.....110.5 sq. ft.
Wing loading.....8.6 lbs/sq. ft.
Engine.....Continental A-65<ii 65hp
Maximum speed.....115 mph.
Cruising speed.....100 mph.
Stalling speed.....40 mph.
Range.....400 miles
Fuel capacity.....20 gals.



Chapter Merch

Chapter 1612 T-shirts are now available in your choice of color and size. The t-shirt will have the small Chapter 1612 logo on the front left, and you may add one line of text under the logo. The back of the shirt will have a large chapter logo. Order forms will be available at the next meeting. Price is \$20.00



Tool Crib

Visit the Chapter 1612 website (chapters.eaa.org/eea1612) 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

March

- 2 Mar 2024** - Stephenville Fly-in (KSEP)
- 2 Mar 2024** - Ponca City Fly-in/Drive-in Breakfast - 7-10:30AM (KPNC)
- 2 Mar 2024** - Pauls Valley Hamburger Lunch Fly-in (KPVJ)
- 3 Mar 2024** - Donuts & Coffee (Every Sunday) - 8-10AM Alva OK (KAVK)
- 16 Mar 2024** - Route 66 Runway Run (KTUL)
- 16 Mar 2024** - Aviation Fundraiser Breakfast (1K4)
- 22-23 Mar 2024** - Swamp STOL (3R7)

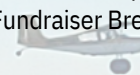


May

- 5 May 2024** - Donuts & Coffee (Every Sunday) - 8-10AM Alva OK (KAVK)
- 18 May 2024** - Aviation Fundraiser Breakfast (1K4)

April

- 6 Apr 2024** - Ponca City Fly-in/Drive-in Breakfast - 7-10:30AM (KPNC)
- 8 Apr 2024** - Solar Eclipse airport activities along path - More info coming
- 13 Apr 2024** - Flying Aggies Fly-in 11AM - 3PM (KSWO)
- 20 Apr 2024** - Aviation Fundraiser Breakfast (1K4)



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



Chapter Pictures

Smokin' Joes February Flyout



Check the chapter website for more pictures and information

1612.eaachapter.org



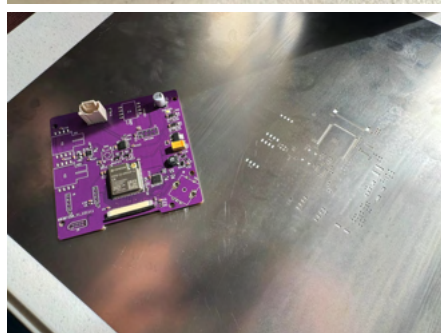
Chapter 1612

Meeting Minutes

10 February 2024



- 1000 Meeting called to order by President Eric Muehlberg
- Attendance: 30 members
- New Member: Alyson Woodruff
- VMC Question - VNE speed based upon altitude
- What is it? Little Mixer
- Send any info for coming events to the newsletter for publishing
- Reviewed newsletter for webinars and scholarships
- Al discussed his emergency with his Cardinal on his way to Oshkosh 2023
- Zenith construction helpful hints video
- Brian discussed his EFIS build, development, and testing
- 1140 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.

Victoria Stevens
TBD
victoryintruth@protonmail.com

Chapter 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