



EAA Chapter 1612 Newsletter



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

Volume 4 Issue 3

9 March 2022

From the Front Seat—President Eric Muehlberg

The weather forecast isn't looking all that great for this Saturday's meeting, but it sure didn't affect the turnout for February's meeting. By my count we had over 50 folks in attendance. While it wasn't necessarily a record, it was the largest since the beginning of the pandemic. To make things a little less crowded, we plan to remove the tables from the meeting room this Saturday since we aren't using them during the meeting anyway. Since we ran out of time last month, **Jerry Calvert will give his presentation on "Understand Your Engine's Oil."**



EAA Chapter 1612

Understanding Your Engine's Oil



We will hold a silent auction on aviation books and DVDs at this month's meeting to raise funds for future chapter programs and activities. If you have any aviation-related books or DVDs you'd like to donate, please bring them with you to the meeting. There will be at least one of the Tony Bingelis 4-book set on homebuilding available among others. You just may have a book or DVD collecting dust on the shelf that someone would really enjoy taking home.

The EAA Chapter Office released the amount of the 2021 **Young Eagle Credits to be awarded to chapters this year. Chapter 1612 earned \$1,325.00 in credits that we can spend to support our Young Eagles program this year.** Most chapters weren't anywhere close to that figure. I can't thank enough those who support our Young Eagle program. You may not realize it, but many of the kids we fly have never flown in any kind of aircraft or been to an airport. It really opens their eyes to what the world of

aviation has to offer.

Just a reminder, **The first-ever EAA Chapter Leaders Boot Camp in Oklahoma will take place on 19 March at the Charles Page building at the Wiley Post airport.** I encourage everyone to consider attending this 1-day free chapter educational experience. This event is for all chapter members interested in improving and growing their chapter. As of last Friday, 38 of the 45-50 slots available for the boot camp are taken and it's first come, first served on the few slots left. With 11 EAA chapters in Oklahoma and many more in the surrounding states, I expect the remaining slots to fill quickly. I guarantee you won't regret attending. Go to <https://www.eaa.org/ea/ea-chapters/chapter-leadership-training/Chapter-Leadership-Boot-Camp>.

Don't forget to put the EAA Ford Tri-Motor on your calendar for 14-17 April at Sundance airport. The three OKC EAA chapters are hosting the aircraft for this visit. This creates a great opportunity to not only take a flight on this 1927 airliner, but to volunteer at this event. It's a rare chance to get up close and personal with this aircraft while it is here in OKC. Our chapter volunteers help with the daily event setup, preflight safety briefings, loading and unloading the passengers, and fueling and ground handling of the aircraft. In almost every case, those who volunteer will be offered a free flight on the aircraft. Ask any of us who have worked with this aircraft in the past, and we'll tell you what a great experience it was and why we'll be doing it again. **Volunteer shifts are 4 hours mornings and afternoons each day the aircraft is here. Let me know if you are interested in working with us as a Ford Tri-Motor volunteer.**

Hope to see many of you this Saturday. We'll have the usual VMC question and discussion, this month's EAA chapter video, the book/DVD silent auction and Jerry Calvert's

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presentation that I'm sure you'll find interesting. Dennis will make sure there's hot coffee and donuts on hand. So come out and enjoy a bit of aviation-centered fellowship and conversation.

Tailwinds,

Eric

Chapter YouTube Site Is Open

PS: The chapter now has a YouTube Channel, and we will be asking for videos from the membership. The site is run by Nicholas Rutledge (nicholas.p.rutledge@gmail.com) who can help you upload your work. The channel is located at <https://www.youtube.com/channel/UCRrt5W494HjTVAcT490KkeQ>. Start sharing your flying adventures with our chapter members today!

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

This month's meeting is at the David J. Perry Terminal building (1K4) on 12 March 2022 from 1000 -1130. Chapter will supply donuts and coffee. If you have questions contact Eric Muehlberg at 405-923-6749 or smuehlberg@pdi.net.



David J. Perry Airport (1K4)

Legal Eagle A-65 Size — A What If Drill

What if you were to take the Legal Eagle ultralight and scale it up about 30% bigger to make it a single-place Light Sport Airplane with a Continental A-65 powerplant capable of air camping? The Legal Eagle is an easy aircraft to build



www.ultralightnews.com

being constructed of steel, aluminum, wood, and aircraft fabric. The new dimensions would be a wingspan of 31 feet and a length of 17 feet, while the chord would remain 55 inches for a wing area of 142 square feet. The area would be about 30 square feet short of my Aeronca; however, I estimate as a single-place that the total weight would come in about 900 lbs. I would convert the current NACA 4400 series airfoil to a NACA 23015 for better cruise and climb performance. The empty weight should hover around 480 pounds, which would give a useful load of



420 pounds—enough for a 250-pound pilot, 50 pounds of camping gear, and 120 pounds of fuel or approximately 20 gallons. At a fuel burn of 4.5 gallons per hour that would give you just about 4 hours of flying time with VFR reserves. The new airfoil should allow an 85 MPH cruise speed with a stall speed of 38 MPH and that is without flaps. My guesstimate in time to construct would be about 1 year start to finish if you were to keep to a basic VFR panel—just carry a small handheld GPS and a few charts like I do. Of course, this is a bit of a

dream as all my "What If Drills" are; however, with the number of ultralight Legal Eagles flying, there is a fairly healthy builders' support group. Perhaps the Uber Big version would be a fun addition to your aircraft stable? Let me know your thoughts at the next meeting.

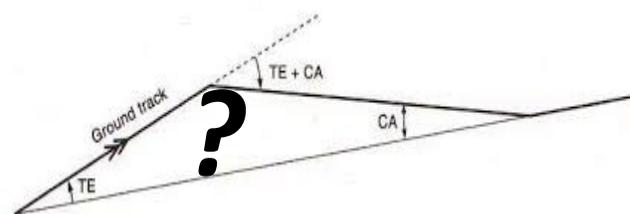
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"WHAT IF YOU WERE TO TAKE THE LEGAL EAGLE ULTRALIGHT AND SCALE IT UP ABOUT 30% BIGGER?"

VMC Question of the Month

The question:

Another simple question this month. You are on a cross country flight traveling at a ground speed of 120 Knots. If you fly 1 degree off heading how far will you be off course in a 30 minute flight? Remember the 60:1 Rule!



What is it?



It is the Husky Chaser I by Tim Butles. Tim is an avid builder and once took a ride in an Aviat Husky. After the flight Tim just had to have a Husky until he saw the 6+-figure pricetag. Not being able to afford the Husky, Tim did the next best thing, he designed and crafted his own Husky-like aircraft known as the Husky Chaser. Tim would tell you it is a little bit Champ and a

little bit Cub; but it is all pure fun at little cost. The Chaser I (yes there are two), shown here, was built for the total cost of \$10,500 and will cruise all day long at 90 MPH behind a Continental C-90 sipping fuel at 5.5 GPH. While \$10,500 isn't real inexpensive, the Husky Chaser II came in at \$6,500 due to some pretty handy scrounging. So, Tim Butles built two aircraft for the price I paid for my Champ. You can't beat that!

Well maybe you can, because the Husky Chaser I now resides with our own Brian Rohr and will soon be a STOL Drag Chaser.



Here is the April 2022 "What is it?"

Don't Miss These Coming Events



19 Feb 22 David J. Perry Fly In Pan Cake Breakfast 8AM-10AM rain or shine.

7-10 Mar 22 HAI HELI-EXPO 2022 Dallas TX, USA

19 Mar 22 EAA Chapter Leadership Bootcamp, Bethany OK, USA

5-10 Apr 22 Sun N Fun Aerospace Expo Lakeland FL, USA

14-17 Apr 22 EAA Ford Trimotor Event, Sundance Airport OK, USA

More coming next month



Tool Loaner List—

Check our website for more info



Chapter Meeting Pictures



Talkin' flying before the meeting



Dennis Fox holding court



Packed house — 50++



Robert Self Young Eagles



Mitch Williams Flight Advisor and Secretary



Alan Bumbaugh RV 7 Kit Presentation



Hey, I lost the newsletter before I read it all!!



Chapter 1612 Meeting Minutes February 2022

- Meeting called to order at 10:00 AM by President Muehlberg
- Dues discussed and collected by Chapter Treasurer Nobles
- New members and guests recognized
- Chapter Awards presented to Robert Self
- Three local school aviation programs recognized
 - Deer Creek, Mustang, and Paoli Oklahoma
- Upcoming Chapter Leadership Bootcamp discussed
 - Tri-Chapter sponsored with date of 19 March 2022 is finalized
- Tri-Chapters to sponsor EAA Ford Trimotor in May 2022 timeframe. More to follow on exact date and time expected at March 2022 meeting
- Local David J. Perry breakfast was discussed for 19 Feb 22...proceeds go to helping youth in aviation
- Member Alan Bumbaugh made a superb presentation of building his Vans RV-7 kit
 - Alan addressed the good and not so good of building from a kit
- Calendar year 2022 is 30th Anniversary of EAA Young Eagles program and discussions centered on how Chapter may support
- Vice President D'Angelo addressed VMC Question on Maneuvering Speed and the What Is It aircraft; Husky Chaser
- 4 Jun 22 is the Chickasha Air Show at the Chickasha International Airport in Chickasha OK
- President Muehlberg opened the floor to questions, and none were presented.
- Meeting closed by vote at 11:38.



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 us today!

President

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

Chapter Leadership and Contacts

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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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Chapter Meetings are the 2nd Saturday

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