



EAA Chapter 1612 Newsletter



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

Volume 4 Issue 5

11 May 2022

From the Front Seat—President Eric Muehlberg

It's been a busy last couple of months for the OKC area EAA chapters. The Chapter Leader Boot Camp, the Ford Tri-Motor visit, Young Eagles flights and chapter gatherings have keep everyone busy. Now that we're into the month of May the pace will only pick up as more and more aviation events appear on the horizon. The Annual Chickasha Wings & Wheels airshow is June 4th starring Justin



Lewis and his FLS Micro jet. Of course the chapter will be working with Mitch Williams and Chickasha Wings to pull off another big Young Eagle Rally in the morning prior

to the airshow. We generally fly between 100 and 150 Young Eagles at the event each year. Of course it wouldn't be possible without the help from our chapter volunteer pilots and ground crew that make it all possible. Christy and Robert Self, our Young Eagle coordinators, will be organizing the effort for the chapter once again. These flights make such a big impact on the lives of our area youth, so please consider volunteering at this year's event. We will also continue to offer Young Eagle flights either before or after our monthly chapter meetings. Thank you again to all who make these flights possible.



As many of you know, my brother Tim and I traveled down to the Sun-n-Fun Fly-in in central Florida

the first week in April. I'll show a few photos and give my take on this year's event during the May meeting. I'll also give a very brief presentation on a particularly unique aircraft that has become an iconic symbol of Sun-n-Fun over the years.

The Oshkosh (AirVenture) Fly-in is about 10 weeks out. I'm sure a lot of our chapter members are making plans to attend the big event. I know I'm sure looking forward to

attending again. During this month's meeting we'll have a conversation about who's planning to attend and what draws them to the event.

Our next chapter gathering is Saturday the 14th of May at 10:00 in the David J. Perry Airport terminal building. Jerry Calvert will talk to us about how to conduct a yearly Condition Inspection on an experimental amateur built aircraft. Those with either a certified or experimental aircraft are sure to benefit from what he has to say on the subject. Anyone contemplating first-time ownership of a certified or experimental aircraft will certainly want to hear what he has to say on the subject. Also the word is out that Jesse Sullivan has flown his new Rans S-21 recently. Hopefully he'll be able to attend the meeting to give some highlights of his first flight experience in the new aircraft. We'll also have the usual VMC question, the monthly EAA Chapter Video, the "What Is It" aircraft challenge and fly a few Young Eagles if they show up and the weather allows. Dennis will make sure there's hot coffee and donuts before the meeting. So come on out and enjoy some aviation conversation and fellowship this Saturday morning.

Tailwinds...

Eric

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

This month's meeting is at the David J. Perry Terminal building (1K4) on 14 May 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)

Turner T-40 — A What If Drill

Is there still room for a high-performance wooden aircraft in our sport aviation circles? Brian Austein's



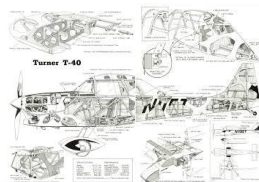
Woodpecker is an example of modern-day wood aircraft with good performance on 100 HP

(120 cruise at 6 GPH), but what if we took a look back into EAA history for an even more efficient design—the Turner T-40.

E. L. (Gene) Turner of Fort Worth, Texas, an engineer, put pen to paper in late 1958 and by 3 Apr 1961 the airplane was flying. That is 2 1/2 years from thought to flight and he had a full-time job—why can't we do this in today's kit plane dominated world?



The T-40. This sleek, hot little single-seater won the 1961 "Outstanding Design" trophy at the Experimental Aircraft Association Fly-in. It was



first powered by a 65-hp engine; the basic VFR airplane would cruise a 128 MPH

with a top speed of 145 MPH while sipping 5 GPH. Later the aircraft was powered by a Continental C-85 which gave the ship better climb performance. This design led to Turner designing the T-40A and B two-place variants. The design was popular from its inception until the early 1980s when the Rutan and kit planes began to dominate the sport aircraft field. Even Tony Bingelis built a

Turner aircraft. The single-place T-40 has been powered by the venerable A-65 all the way to the Lycoming O-320 of 150 HP. The best all-around powerplant seems to be the Continental O-200 which allows some niceties such as electrical components.

Could the aircraft be sport pilot legal? Yes, as the stall speed is 51 MPH and the top speed could be limited by adding a climb propellor. With the O-200 and 18 gallons of fuel, the aircraft can fly approximately 350 miles with 15 minutes of VFR fuel reserves.

Personally, I believe there still

is room for an all-wood aircraft with good performance in today's high-tech aviation world. While all materials are increasing in price, the ability to produce an aircraft made primarily of wood is still a good value for the first-time builder. Think it over and give me your thoughts at the next meeting. Until then...

...keep 'em flying.

dd

"PERSONALLY, I BELIEVE THERE STILL IS ROOM FOR AN ALL-WOOD AIRCRAFT WITH GOOD PERFORMANCE IN TODAY'S HIGH TECH AVIATION WORLD."

VMC Question of the Month

The question:

You want to fly a long cross-country flight in the most efficient manner? Your Double Delta 1 aircraft has a certified CG range from 20" to 27" (fore and rear limits). To fly the most efficiently, you should load the aircraft to: PICK ONE

A. 20" (forward limit) B. 24" (mid-range) or C. 27" (rear limit)

What is the reason for your pick?



What is it?



It is a Zenith CH 2000. In 1996, Chris Heintz and Zenair Ltd. obtained FAA-type certification for the ZENITH CH 2000, a two-seat low-wing aircraft based on Heintz' kit aircraft designs. It's an all-aluminum airplane with a familiar Lycoming O-235 powerplant of 116 hp hung on the nose. Tricycle gear with steerable nosewheel,

single-piece aluminum main gear, and constant-chord wings—all are pieces often seen in mass-production aircraft. And yet the airplane is not wholly traditional in appearance—there are the uncommon fuselage contours, rounded at the top and sharply squared at the bottom, and the conspicuously large cabin framed by a prominent hump over the pilots' seats. The CH 2000 has a cruise speed of about 100 knots while burning 6 GPH, a range of 537 SM, and a stall speed of 48 knots clean (44 knots with flaps extended). The original cost in 1996 was \$69,000 or \$126,436 in 2022 dollars.



Here is the June 2022 "What is it?"

Don't Miss These Coming Events



21 May—**Breakfast Fly-in at David J. Perry Airport** Goldsby 8-10 AM.

21-22 May—**Vinita Annual Spring Fly-In** Vinita airport, Vinita OK. Sat-Sun sunup to sundown.

23 May—**Tri-State EAA Chapter 1115 Memorial day Fly-In, Thomas P. Stafford Airport Woodward, OK.** Free Breakfast 0730. Event runs 8 AM—4 PM.

4 Jun—**Chickasha Wings and Wheels Airshow, Chickasha Mun. Airport, Chickasha, OK.** 8 AM until 5 PM . Airshow starts at 12 Noon. See advertisement end of newsletter.

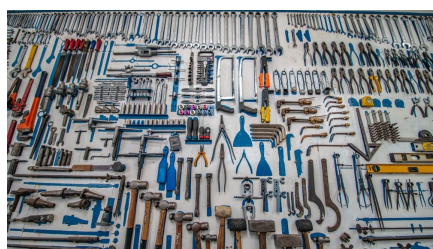
6 Aug—**Will Rogers-Wiley Post Annual Fly-In Oologah OK.** Gates open at 8:30 AM close at 5 PM.

More coming next month.



Tool Loaner List—

Check our website for more info



Chapter Meeting Pictures



The Selfs holding court—Super Job



Where is Gary Manning?



Spot Landing Contest coming soon



Love's Landing FL after SnF



Eric's next airplane



ONEX at SnF



Eric in Feb—750 is almost done today



Denny with his life-long friend Steve



Never too windy for Tweety



Need we ask if you read the entire newsletter?



Chapter 1612 Meeting Minutes February 2022

- Meeting called to order at 10:00 a.m. by Vice President D'Angelo
- Dues discussed and collected by Chapter Treasurer Nobles
- New members and guests recognized
- Local David J. Perry breakfast was discussed for 16 Apr 22; proceeds go to helping youth in aviation
- Support for the 2022 Chickasha Wings & Wheels Fly-In & Car Show scheduled for 4 June 2022 was discussed; more details during the May meeting
- EAA Trimotor Ford will be at Sundance Airport 14-17 Apr 2022. Volunteers needed.
- Members Christy and Robert Self gave a fantastic presentation on the use of ForeFlight and electronic flight bag equipment. Presentation rivaled any we have seen by EAA and AOPA
- Vice President D'Angelo addressed VMC Question on Class D airspace and the What Is It Aircraft—the certified Zenith CH 2000
- EAA Chapter Video was presented—in part, as technical difficulties limited play
- Vice President D'Angelo opened the floor to questions and none were presented
- Meeting closed by vote at 11:30 with 35 people in attendance



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;

EAA Chapter 1612
954 Redbud Lane
Newcastle, OK 73065

Chapter Meetings are the 2nd Saturday

Chapter President - Eric Muehlberg
405-923-6749



Wings & Wheels Airshow

Saturday, June 4
Chickasha Municipal Airport

Featuring
Justin Lewis and the FLS Microjet
Kate Kyer · Stephen Covington
Pipes vs. Props with Curt & Paul Richmond

Enjoy free, all day family fun!

Car Show • Food Trucks

Free airplane rides for children at 8 a.m.

Airshow starts at 12p.m.

Bring your lawn chair & sunscreen

Info: chickasha.org/airshow

No weapons, coolers or alcohol will be allowed in.



Presented by the City of Chickasha & Chickasha Wings

Airshow coordination and operations by David Schultz Airshows LLC