

EAA CHAPTER 80 NEBRASKA IOWA



News!

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July 2016

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Because Three Engines Are Better Than Two!

Hi, everyone! If you haven't been to a meeting recently, EAA 80 is taking on a project that the group hasn't done in many years-hosting a vintage EAA plane. This August 11-14, Thursday through Sunday, the EAA Ford Tri-Motor will be at Millard. Current sponsors include Oracle Aviation. The Tri-Motor committee is searching for a Ford dealer to be an additional sponsor as that seems like it would be a good fit for a Ford airplane.

What does the chapter need to do? We are looking for people to work 4.5 hour shifts. It will take 2 shifts per day, except Thursday will be just the afternoon.

Be great if you can work every day :-), but even picking up a shift or two will help tremendously. Remember-many hands make light work! If you are interested, please contact Mike Howard (acepilot59@cox.net or 402-677-8451).



Tickets are \$70/person if purchased before the event and \$75/person during the event. I've already got my ticket ordered through the EAA website. Do you?

And a HUGE thanks to all those that helped June 11, International Young Eagles day. EAA 80 flew 47 Young Eagles. It was warm and a little bumpy, but there were a lot of smiles to go around!

If I don't see you at the next general or builder's meeting, see you at AirVenture!

Chris Halfman
President

<http://www.eaa.org/en/eaa/events>, filter by Ford TriMotor Tour, Aug 11-14.

Upcoming Events:

July 11, 7:00 PM General Meeting - Dynamically balancing a propeller (Part 1). This will be the 'classroom' part of the presentation.

July 23, 9:00 AM Builder's Meeting- Dynamically balancing a propeller (Part 2). This will be a live demonstration of balancing a prop on an airplane.

August 8, 7:00 PM General Meeting – Presentation on Chris Halfman's RV-7A, N567CH.

Welcome New Members!

Barry Fluckey, Rex Weldon, and returning member Bill Tripp.

June Meeting Minutes:

The EAA Chapter 80 meeting was held on June 13, 2016 at Oracle Aviation, Millard Airport. The meeting was called to order at 7 PM by President Chris Halfman.

Minutes: The minutes of the May meeting were approved as published.

Treasurer's Report: Treasurer Bob Cartwright reported \$18 in 50/50 income and \$325 in dues. We spent \$35.95 for refreshments and \$29.30 to license the trailer. The Treasurer's report was approved by voice vote.

Membership: We have 120 members, including three new members. Jerry reminds members to bring a friend along to meetings.

Tech Counselor: Nothing to report.

Young Eagles: Mike Howard reported that we had a very successful YE event on June 11. We had seven pilots and eight ground crew and flew 47 kids. Fantastic turnout.

Mike received a request to have Chapter 80 fund a YE's trip to Oshkosh. The young man was awarded a scholarship to the EAA Young Eagles Camp in July. A motion was passed to fund the remaining \$108.00 cost of his trip using our Young Eagles credits. There were also plans made to provide transportation to and from Oshkosh—thanks to Ronye McKay!

There will be an additional YE event on July 16,

starting at 0830 at Millard. There will be 15-20 kids.

A motion was passed for the chapter to provide sandwiches and drinks for YE volunteers during events.

Tool Report: Jerry reported that all tools are in his hangar and available for use. TW suggested that it might be time to replace our wireless microphones; he'll research that.

Builders Reports: Jerry Ronk reports his Rocket is "done". John Fitzsimmons reports he's nearing the end of installing all new avionics in his RV-4. TW says he's got a portable air conditioner if you need to borrow it for working on your plane at Millard. The Builders Meeting was June 25 at Doug Humble's house, where he is building a Thatcher CX-4.

Flyouts: There were four planes from EAA 80 at the Audubon breakfast—Mike reports great omelets there. Barnstormers in Norfolk is still closed. Harlan IA had a fly-n breakfast on Fathers Day, and Boone IA had an RV fly-in on the 18th.

Social Coordinator: Nothing to report, although Chris Beran is working to set up something with Oracle during the Tri-Motor visit.

Old Business: The Tri-Motor is scheduled for Aug. 11-14. Mike has been working with Baxter, Atchley and Woodhouse Ford dealers to try to work out a sponsorship deal to help pay for the visit.

New Business: Jim Beyer has worked with Land's End to have our chapter logo put on shirts and other items. Contact Jim if you're interested in ordering, or we'll have the ordering information posted to the web site and newsletter as soon as it's available.

Announcements: Next month's meeting will include a discussion of dynamic prop balancing, and the Builders Meeting will be the "live" portion of the presentation to actually balance a prop on the plane.

If you don't already have a name tag, check with Bob Cartwright. He's probably got it.

Respectfully submitted,
Dale Botkin
Secretary

FAA Testing at Oracle

Oracle Aviation is now an approved FAA testing facility. If anyone has ratings for which they need to take the knowledge (written) test, there's no need to even leave the airfield! Contact Dave Poole at Oracle Aviation. Dave's office number is 402-934-5300, or you can email him at dave.poole@oracleaviation.com.

July Treasurer's Report

Checking

Acct. 310

Opening Balance \$10,993.11

Deposits

5/16/2016 50/50 \$81.00

5/16/2016 Dues \$100.00

Expenses

6/13/2016 Refreshments \$19.44

Ending Balance \$11,154.67

Total Assets \$11,154.67

Pictures below are from the June builders meeting at Doug Humble's airplane factory. Doug is pretty far along on his Thatcher CX-4. Things are looking pretty good, Doug!

If you have not yet made it to a builders meeting,



you should. It's a good opportunity to see what people are building, talk airplanes, ask questions and sometimes pick up tips on subjects where you may need help.



*Do we want to know what these guys are doing??
Come to the general meeting and the builders meeting in July and find out!*

**Never be afraid to try something new. Remember amateurs built the ark, but professionals built the Titanic.
~ Unknown**



What is a Ford Tri-Motor



The Ford Tri-motor was America's first all metal airliner. Ford Motor Company built 199 Tri-Motors from 1926 through 1933. The airplane that will be at Millard Airport is one of 3 still flying. Several others are in museums.

Henry Ford mobilized millions of Americans and created a market with his Model T "Tin Lizzie" automobile from 1909 to 1926. Ford's Tri-motor aircraft, nicknamed "The Tin Goose" was designed to build another new market, airline travel. To overcome concerns of engine reliability, Ford specified three engines and added features for passenger comfort, such as an enclosed cabin.

The Experimental Aircraft Association (EAA) flies tours in two different Tri-Motors a model 4-AT-E and the model 5-AT-B which will be in Omaha in August. The one that will be here was completed on December 1, 1928. It was originally sold to Transcontinental Air Transport, hence the TAT on the side. In 1931 ownership was transferred to Transcontinental and Western Air. (TWA) Here the aircraft helped in the development of TWA's route system. In 1935 it was sold to Grand Canyon Airlines and flew tourists over the canyon and Bolder dam. From there it went to Mexico and Central America where it flew for TACA Airlines. It passed through several owners until it was acquired by the Evergreen Aviation and Space Museum where it got a total rebuild in 1996. It is now owned by the Liberty Aviation Museum and is now operated based on a lease agreement with the EAA.

Aircraft Specifications:

Original Engines: 420 hp Pratt & Whitney
Cruise speed: 122 mph
Range: 560 miles
Wing span: 77 feet 6 inches
Seats: 12

Gross weight: 13,500 pounds
Landing speed: 64 mph
Ceiling: 18,500 feet
Length: 50 feet 3 inches
Fuel capacity: 277-355 gallons