



February 2015

Hangar Talk



Serving airplane builders, restorers, pilots, & airplane lovers in Western Michigan

Meeting Friday, February 6, 2015, 7:30pm

Annual Project Reports

Last month, treacherous roads prevented many from making it to the meeting, so on Friday, February 6, 2015 we try again to have our Annual Project Reports, in the bright and warm new meeting room at the Grand Haven Airport Terminal building. If you have some parts you're working on you'd like to share or to illustrate a problem or a solution, bring them in. Even if you only have pictures, bring them on a CD or on a USB drive (.jpg files would be best) and we will show them on the projector. See you there!

Terminal Conference Room, Grand Haven Memorial Airpark (3GM) 16446 Comstock St, Grand Haven, MI 49417

2015 Dues are Due

It's that time of year again, to pay your dues! We will have envelopes for your dues at the meeting on which you can check and update your information for the 2015 Roster.

Dues are only \$22 for the year. If you have been receiving your newsletter through the mail and want to continue receiving it that way, add \$3 (\$25 total).



The additional \$3 doesn't fully cover the cost of printing and postage (it's actually closer to \$12), but we will continue the service to the few who have had it and want to keep it.

But if you are ready to **SAVE \$3, AND get your Hangar Talk in FULL COLOR**, switch now to receiving your newsletter by email. Just be sure to let the Editor, Dale Hagen, know your email address.

Prez Sez

Our January meeting was a small group of EAA 211 members who braved the elements to attend the monthly meeting.

After those crazy few snowy days the rest of January was a pretty good month for flying. Now February is here reminding us old man



winter is not giving up on Michigan.

Chapter 211 has been invited by EAA Chapter 145 to join them in a tour of the Waco factory on

Saturday March 14th, at 10:00 AM. There is an airport at the factory (KBTL), so flying to the

event may be possible with good weather. We are thinking of a Air Zoo combination trip this will be discussed more at the meeting Friday, see you there. Tom

Tom Marotta
EAA Chapter 211 President

"I fly because it releases my mind from the tyranny of petty things." — Antoine de Saint-Exupéry (1900-1944)

211 Contacts

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EAA Chapter 211 Meeting Minutes – 2015-01-09

Submitted by Earle Bares, edited by Dale Hagen

Attendance: 13

Call to order and Pledge of Allegiance – 19:45

- The attendance sheet was passed around again and some discussion took place on its necessity and whether taking attendance is even an accurate count of how many attended. Further discussion was deferred until more members are present. It was also noted that this was not the first Friday and next year the first Friday will be January 1st (New Years Day) – so we may again want to change the date.

Treasure's Report:

- Treasure's Report for the Past Month's Expenses and Receipts:

The checkbook balance at the December meeting was \$3845.68. Petty cash balance was \$107.40. We had several December expenses totaling \$672.13 and donations of \$13.68. This gives us a checkbook ending balance of \$3236.08 and a petty cash ending balance of \$58.55, for a Chapter 211 January 9th total fund balance of \$3294.63. A detailed discussion took place on the cost of EAA Dues and Insurance this year (of the \$ 672.13 of expenses, \$455.00 went to the EAA). Motion was made and seconded to accept the treasure's report; and it was unanimously passed.

Technical Reports: There were no technical reports.

EAA Dues and Insurance:

- Earle explained that there are a few reasons why there is a difference from last year. 1. Dues, Insurance, and Donations were combined on one invoice; 2. Acting in good faith, believing he was doing the right thing, Earle selected a more expensive insurance option than we have ever selected in the past. Discussion followed about the definition of our "meeting place," "clubhouse," "facility," as it relates to the insurance. For those who were questioning the issue, and wished to obtain clarification from EAA's Risk Management Office, it was decided to table further discussion on the subject until next meeting.

Another topic of conversation was the "facility" itself - both our "clubhouse" and the new meeting room in the airport terminal building. Earle stated that while, there may not be immediate plans to tear down our current meeting area, it is in very poor shape and we are not sure that it would not be torn down sooner rather than later. It was suggested we would like to make the room (new addition), and perhaps the hallway, more aviation related with pictures, etc. The idea some type of portable display was again brought up, as well as a question as to whether the new facility has a storage area Chapter 211 can use? Earle Bares will bring up some of our comments and questions at the next Airpark Board Meeting.

Coffee Break

Program: Build Reports and Presentations: Brian Greene - RV 7: Reports wings are almost complete., Ed Cech showed some pictures of his "new" RV 9A project. He wants to replace the Subaru engine with a Lycoming O320. , Bob Vink showed pictures of the RV-12 he is working on – boy is he fast!, Gary Van Farowe and Chapter members American Eaglet: The members report so far they(we) have about 1800 hours in building over the 3 years. One wing is done and the other is primed. Goal is to have at Oshkosh this year.

Tom Marotta showed two interesting short videos on drilling out pop-rivets and one about a B-17E "0666" which during a mission encountered 17 enemy fighters.

Meeting adjourned at 21:45

Announcing a Chapter Activity for March 14, 2015

It's time to shake off those old winter-time blues and get out for some aviation related fun with the guys. (Uh, gals are welcome too!)

Chapter 211 has been invited to join Jenison EAA Chapter 145 to a guided tour of the WACO Aircraft factory, 15955 South Airport Road, Battle Creek, MI. As you may know, the WACO factory builds brand new certified WACO YMF-5D and Great Lakes 2T-1A open-cockpit biplanes.

The guided tour will begin promptly at 10:00 on Saturday, March 14, 2015. There will be no charge for the tour.

You may drive or join the tour by flying in to (BTL) or (KBTL) and parking near the factory at the south east end of runway 05L/23R.

We are currently on the process of planning some kind of lunch (optional, at your own expense) after the WACO tour and, in the afternoon, a visit to the nearby Kalamazoo Air Zoo. (\$10 general admission – additional cost for some attractions.)

The WACO Story

WACO Aircraft, a family-owned, American company, is the only FAA approved manufacturer of 1930's sport biplanes worldwide. Originally founded in 1983 as Classic Aircraft Corporation, WACO started off with a simple dream: To revive the Golden Era's open cockpit flying experience.

Between 1919 and 1947, in the midst of the Golden Age of Aviation, the WACO Aircraft Company of Troy,



Ohio was the first family of aircraft manufacturing. Between World War I and World War II, WACO built almost twice as many aircraft as any other manufacturer.



The jewel of WACO's efforts, and their last open-cockpit model for the barnstorming pilots of the 1930's, was the WACO YMF. This gorgeous yet rugged biplane offered absolutely delightful flight handling qualities.



In 1983, the founders of Classic Aircraft Corporation in Lansing, Michigan were determined to reincarnate the WACO YMF. In the history of aviation, no company had ever taken a 50-year-old design and manufactured it as a new FAA certified aircraft.

To accomplish this mission, Classic hired experienced engineering talent from Piper, Taylorcraft and Ford. While maintaining the sanctity of WACO's original masterful design,

this team of proven professionals modernized the aircraft with more than 300 engineering changes, redesigning over 1400 drawings and building new tooling for production.



In March 1986, the first WACO YMF Classic rolled off the assembly line and received FAA certification under the original WACO type certificate. With more than 5000 labor hours of fine craftsmanship hand-built into each aircraft, it's no wonder the WACO YMF was hailed as an aeronautic thoroughbred. This unique biplane was not a rebuild or a kit plane, but a brand new FAA certified production aircraft, with such improvements as the use of sturdy 4130 steel for the fuselage frame, modern hydraulic toe brakes and advanced avionics.



Great Lakes 2T-1A

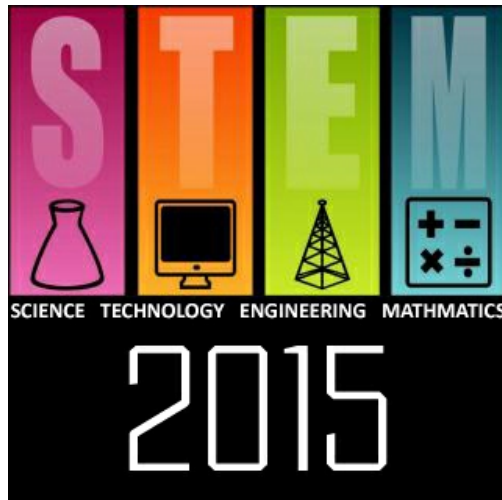


Kalamazoo Air Zoo Virtual Tour link
http://www.airzoo.org/page.php?menu_id=167

TECH Talk 2015

If you could talk to a small group of high school students for 10 to 15 minutes, what would you say to them to impress upon them the importance of taking school seriously? Could you talk about or demonstrate something to them that would inspire them to study science, technology, engineering and math? Well, now you have a chance to do just that, at the Second annual TECH Talk scheduled for Thursday, March 19, 2015.

TECH Talk, sponsored by the Kent Intermediate School District, is a symposium with local educators. Its purpose and goal is to excite the next generation of pilots, mechanics, scientists, technologists, & engineers using aviation as a backdrop. The focus is



specifically the STEM disciplines: **Science, Technology, Engineering, and Mathematics.** As you well know, aviation is built upon these principles (and a lot of hard work- which students also need to learn about!) K-12 educators will also be attending to learn from us how powerful their lessons can be by including an aviation component. If we reach the **teachers** we can multiply our efforts.

TECH Talk 2015 will be held at Kent ISD's Aviation Center at Gerald R Ford International (KGRR). Volunteer presenters may participate in the morning session, the afternoon session, or both.

Please consider how you might be able to contribute your expertise in this regard. **Call me, SOON, to let me**

know if you would be interested in participating, as the schedule for the event is being made out now! I will put you in touch with TECH Talk organizer, Ebiri Nkugba, STEM Consultant, Career Readiness Department, Kent Intermediate School District, who will get you all the details.

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American Eaglet Project

Thursday evening Work Sessions are scheduled for February 5, 12, and 19.
No Saturday Work Session is scheduled for February.
Always check the website, www.211.eaachapter.org for the latest information.

No updates to Builders Corner for this month

