



January 2015

Hangar Talk



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

Meeting Friday, January 9, 2015, 7:30pm

Annual Project Reports

The EAA Chapter 211 meeting will be Friday, January 9, 2015 in the bright and warm new meeting room at the Grand Haven Airport Terminal building. This program is an annual favorite, where everyone gets a chance to tell the chapter about their project(s). 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).



**KEEP
CALM
AND
PAY YOUR
DUES**

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 correct email

Prez Sez

Welcome to 2015! I am Tom Marotta the new President. Walt Clawson is now the Vice President and Earl Bares is Secretary/Treasurer.



I would like to thank the past board for all the work they put into

maintaining our organization throughout last year. Let's not forget Dale Hagen for keeping up on the scoop needed for the newsletter.

As always project reports will be at our January meeting so

don't forget to bring anything you'd like to show.

Old man winter is now upon us so make sure you watch the weather. Keep ahead of the winter storms and watch for icing. Protect your engine and use the proper precautions for starting a cold engine to help keep engine wear to a minimum.

Tom Marotta

"The exhilaration of flying is too keen, the pleasure too great, for it to be neglected as a sport." ~ Orville Wright

211 Contacts

2015 Officers

President: Tom Marotta

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Librarian

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Craig Christilaw 616-402-5477

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Position open

Keeper of the Scales

Position open

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EAA Chapter 211 Meeting Minutes – 2014-12-05

Submitted by Earle Bares

Attendance: 30

Call to order and Pledge of Allegiance – 19:36

Visitors Welcomed:

- Visitors were Dick Foster from EAA Chapter 145, Jim Dykstra from Grand Rapids, Mike Dubuis from Jenison, and Herb Harney from Grandville, who was the speaker for December's meeting.

Treasure's Report:

- The checkbook balance at the November meeting was \$3845.68. Petty cash balance at November meeting was \$90.65. We had no November expenses and Nov. receipts (dues & coffee fund) of \$16.75, which gives us a checkbook ending balance of \$3845.68 and a petty cash ending balance of \$107.40, for a total chapter 211 November meeting fund balance of \$3953.08.

Officers for 2015:

- The Chapter 211 Board of Directors elected Tom Marotta as President, Walt Clawson as Vice-President and Earle Bares will continue as Secretary/Treasurer. The other Board of Directors, as voted on for 2015, will be Warren Roosen, Bob Vink and Dan Whisman. We thank outgoing President Doug Formsma and Vice President Ed Cech, and wish Ben Gerhardt great success.

Technical Reports:

- Jack Brewer report on a Mooney Prop Control problem. Loss of RPM control comes mostly from loss of oil pressure or no oil pressure in the prop. There is a plug in the center of the crank shaft (at the front). The crankshaft is through drilled with the prop on one end and open to the crank case on the other. Oil pressure enters the shaft through holes in the side by a hose supplied by the governor. If something is wrong with the plug or becomes unseated, the oil pressure that is supposed to hold your prop angle of attack / rpm is not there. In trying to correct – the plug was pushed into the crankshaft – engine went "back" to manufacture for repair.

- Gary Kremers reported on Rotax Engine Carburetor Float problems. He stated that Rotax has released a SB which affects the carbureted Rotax engine. Compliance to this SB is a mandatory requirement and affects serial specific engines and carbs as well as any engines or carbs which may have been serviced with new floats (part number 861 184) from spare parts which were produced from approximately June 1st 2012 onward (check SB for details). Gary explained the issue stems from a possible manufacturing deviance leading to some floats absorbing fuel, which increases their weight affecting the float level in the carb. Possible effects may be a rough running engine especially at low speeds, engine stoppage and/or fuel leakage in the area of the carburetor venting.

- There were at least 3 "small" airplane crashes in the last part of November, and all three were apparently due to some sort of engine trouble or power loss. In Chicago, an Aero Commander 500 crashed into a home on Chicago's southwest side, killing the pilot but sparing a couple who were asleep just inches away.

Continued on next page...

Minutes continued...

The pilot reported engine trouble shortly after taking off from Midway International Airport and asked to return to the airport. But the plane crashed about a quarter mile short of the runway.

In Berrien Springs, Michigan, a Piper Comanche was en route to Andrews University Airpark from Richmond, Ind., before it apparently had engine trouble and crashed into a backyard, injuring the pilot and three passengers.

A single-engine Cessna lost power and crash-landed on an a road that was under-construction in West Hartford, CT. The pilot reported losing engine power. The plane's right wing was torn off when it got caught on a fence separating the road from the parallel Amtrak rail line.

Other items:

- The Chapter still needs a Flight Advisor.

- We discussed a little about hand propping – BE CAREFUL! Engine can start any time, even when just pulling through.

- **Pilot Error**, a feature film, based on the true story of Air France 447 that went missing in the Atlantic, will show in Goodrich Quality Theaters on December 8,9,11 with free admission to any pilot with a valid certificate.

- Ed Cech brought in a 1954 Michigan Airport Directory – very interesting!

Coffee Break

Program

- New England Flying Adventure Trip by Herb Harney. (See story below.)

Adjourned at 22:00

Last Meeting

Commercial pilot, business man and accomplished aircraft builder/restorer Herb Harney came to us in December to share his

Chapters 145 and 211, including Doug Formsma, Gary Kremmers and Scott DeGaynor. In all, eighteen people and eight airplanes took part.

They met in Bar Harbour, Hancock County Airport,



Some flew the Hudson corridor in New York on the way home, passing beautiful scenes of New York City skyline and The Statue of Liberty.

experiences of organizing and flying a very exciting Group Flying Adventure Trip.

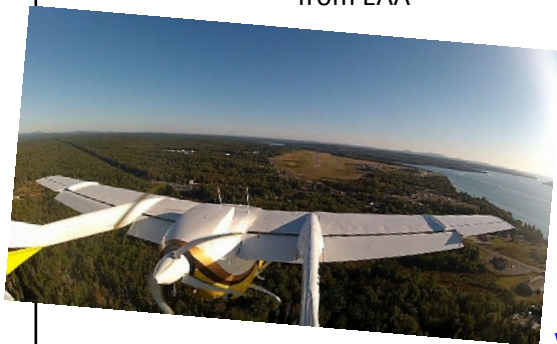
Last September Herb flew his Cessna 337 Skymaster to New England with several other pilots from EAA



Cape Cod, Provincetown, Westchester County Airport, Arcadia National Park are some of places they went.

Below is a link to the instructions you will need to follow if someday you want to fly the Hudson corridor:

www.faa.gov/air_traffic_safety/accident_prevention/flight_manuals/79/776/kneeboard.pdf



Christmas Banquet Recap

The Christmas Dinner & Awards Banquet held Saturday, December 6, 2014, was a huge success. Gordon Gilcrest's hangar at the Sparta Airport was warm, the atmosphere was friendly and festive and the food was delicious and plentiful. Thank you Gordon, Sparta EAA Chapter 704, and everyone who contributed.

Unfortunately your Editor was not able to attend this year, but the reports I got back were very positive. For once, the weather was really quite nice, with dry



roads and mild temperatures. The wives of Chapter 704 decorated Gordon's hangar with Holiday flair. The food was delicious, the conversations interesting, and the comradery genuine.

Thank you Ed Cech for the photo(s)

American Eaglet Project

Thursday evening Work Sessions are scheduled for January 8, 15, 22, and 29.

A Saturday Work Session may be added depending on interest.

Always check the website, www.211.eeachapter.org for the latest information.



Clockwise from upper left: Painting the carburetor, Rebuilding the Magnetos, Shooting white undercoat on an aileron, Break time, Left wing being readied for paint, Nice firewall work!

Builders Corner – An ongoing list of members working on projects

Merle Mulder – RV 9A, working on wings

Dave Thomas – RV 12,

Bill Verduin – RV 7,

Brian Greene – RV 7, is almost done with his wings and is about to order the fuselage kit,

Bob Vink – Fisher Youngster, sitting, on hold for the winter. Working on skinning the RV-12 wings.

Scott Dykstra – RV 7A, reports that tail is complete

Ed Cech – RV 9A, engine and wiring

Paul Dannenberg – Pitts, fuselage is done and now working on sheet metal for the cowlings

Tom Marrotta – Velocity,

Karl Kotecki – Waix,

Dennis Otto – EAA Biplane,

John Gill – Acro Sport, John reports wing is 60% assembled and fuselage is 80% complete.

Bill Vandermolen – 4 Place Cub,

Chet Uncapher – Starlight, researching electric motor.

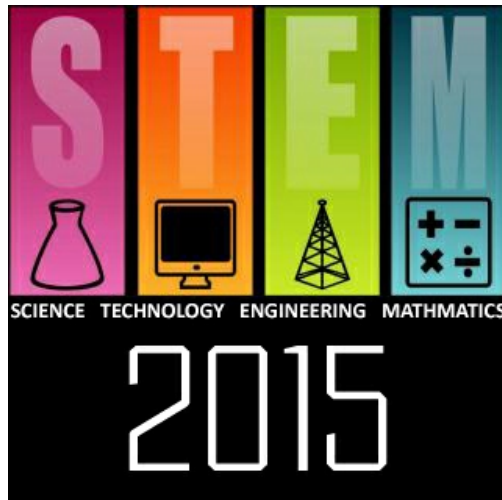
John Wilkes sent in his registration for his RV-8.

Gary Van Farowe and Chapter members – 1935 American Eaglet.

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 and let me know if you would be interested in participating to hopefully multiply our efforts to inspire a new generation of aviators. I will then relay your interest to the TECH Talk organizer, Ebiri Nkugba, STEM Consultant, Career Readiness Department, Kent Intermediate School District, who will get you all the details.

Dale Hagen, Editor
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