



December 2017

Hangar Talk



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

Meeting Friday, December 1, 2017, 7:30pm

EAA Clubhouse, Grand Haven Memorial Airpark (3GM) 16446 Comstock St, Grand Haven, MI 49417

Experimental/Amateur-Built Flight Testing

So, kit or scratch build, you're finally nearing the completion of your amateur-built aircraft, the culmination of hundreds of hours of meticulous, methodical, sometimes monotonous, but rewarding work! Whether you built at a frenetic pace or in fits and spurts as your schedule would allow, you are nearing that critical, First Flight! Well, my friend, there are many things to consider.

NTSB data show that the first 50 hours of flight time on a newly constructed E/AB aircraft are particularly dangerous. Aircraft modifications show a similar spike in accidents shortly after those modifications are completed. But, accident investigation of these events frequently show

that a robust flight test program conducted by a competent test pilot would reduce the number of fatal crashes.

In this program by Sam Heiter - FAAS Team Program Manager, we will discuss some of the best practices for developing flight test programs including qualifications and selection of test pilots.

Also we will cover AC 90-116, passed in Sept. 2016, which introduces the Additional Pilot Program (APP), a program designed to improve safety by allowing homebuilders to have a qualified additional pilot on board to assist with flight tests.

Prez Sez

Greetings friends,

Well, it's already December, the last month of the year. And, what a year it has been! Looking back, I have to ask, "Where did the year go?"

I want to thank all of you for your trust in me, and all your patience and cooperation this year.

I want to thank those of you who donated your time to help the Chapter with the various projects we took on in the last half of the year.

I want to thank my fellow Officers, Earle Bares and Bob Kenrick, and Board members Larry Schwartz and Ken Gleason, who were so helpful and efficient.

I want to thank Bob Teichma, who served on our board for a few months, but made the difficult decision to resign in time for us to be able to consider alternatives before



our elections in November. I want every one of you to know that there was sadness, but absolutely no hard feelings, about Bob's resignation. We wish him all the best, and hope to see him at the December meeting and Christmas Dinner, and then back again in the Spring.

I want to thank the membership for ultimately agreeing to the Board's recommendation to try an alternative structure for the Board of Directors. One of my goals with the change was to make sure no one felt "wrangled" into serving on the Board, and I have to say, the elections did work out much smoother this year.

Lastly, I want to thank and welcome the new Board Members, elected at the November meeting. I'm very confident in our new leaders, and am looking forward to a great 2018.

Dale Hagen
EAA Chapter 211 President (2017)
(616) 260-4990

"Aviation in itself is not inherently dangerous. But to an ever greater degree than the sea, it is terribly unforgiving of any carelessness, incapacity or neglect." – Unknown

211 Contacts

2017 Officers

President: Dale Hagen
616-260-4990
hagenphoto@yahoo.com

Vice President: Bob Kenrick
616-402-5353
Bob_Kenrick@yahoo.com

Secretary Treasurer: Earle Bares
616-502-6773
etutek@sbcglobal.net

2017 Board (2018 Officers)

Ken Gleason
616-502-6773
etutek@sbcglobal.net

Larry Schwartz
616-334-7285
spamcetera@yahoo.com

Bob Tejchma
231-798-3739
tejchmabob@msn.com

Technical Counselors

Jack Brewer 231-798-3799
Gary Van Farowe 616-875-8670

Flight Advisor

Position open

Librarian

Vic Matthews 616-887-7385

Young Eagles Coordinator

Warren Roosen 231-750-7399
roosenwc@gmail.com

Fly-out Coordinator

Position open

Keeper of the Scales

Position open

Communications:

Newsletter/Website

Dale Hagen 616-260-4990
hagenphoto@yahoo.com

Website address:

www.211.eaachapter.org

EAA Chapter 211 Meeting Minutes – 2017-11-03

Submitted by Earle Bares

Attendance: 16

Call to order and Pledge of Allegiance – 19:30

The Nov. 3 Chapter 211 meeting was called to order by President Dale Hagen.

Attendance and Visitors:

A total of 14 members and 2 visitors were in attendance. We welcomed visitors John Boer from Holland and Bob Fidler from Zeeland.

Event and Meeting Dates:

December 1, 2017 - Regular meeting.

December 9, 2017 - Christmas Banquet Celebration at the Sparta airport.

January 5, 2017 - Regular meeting - Annual Project Reports

February 2, 2017 - Regular meeting - The most beautiful airplane to never fly.

March 2, 2017 - Regular meeting. -

Previous Meeting Minutes:

A motion was made, seconded and passed to accept the October 6, 2017 meeting minutes.

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

We currently have a total fund balance of \$2,633.06. Last month we had a total of \$280.00 in expenses and \$32.00 in donations. Before today's donations, we have \$2,568.06 in checking and \$64.25 in petty cash/other. The Summer Picnic expense was about \$150.00 and the Club-house repair about \$300.00.

Motion to approve was made and seconded to accept the treasure's report and was unanimously passed.

Local Chapter Membership and Dues:

As of the November meeting we have 37 paid members. Dues for 2018 are due by December 31. We will be accepting dues (cash or checks) at the December 1, 2017 meeting. There will be a required form for you to fill out when you pay your dues. One item of information we must collect is your EAA Member number. Please know your number or have your membership card with you so you can be sure to be able to complete the form. Thank you.

Technical Reports:

Neither of our Technical Counselors were in attendance, so there were no Technical Reports.

Old Business:

Dale announced that the Christmas Banquet Celebration date had been set for December 9, 2016.

The Clubhouse project is almost finished. Dale thanked all that helped. All present thought it looked very good. We also have a new refrigerator- that should keep the drinks nice and cool in the summer. We thanked the anonymous donor.

It's too late to finish the painting of the fuel tanks this year. The Grand Haven Aviation Association will help next year with them. We have the decals, so we should be ready to go in the Spring!

New Business:

A motion was made to raise dues for the coming year from \$22 to \$25. The motion was seconded and passed unanimously.

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Minutes continued...

More New Business:

Elections:

Bill Verduin and Paul Overbeek were elected officers for a two year term (2018 and 2019). So, next year's 4 officers and positions will be:

Larry Schwartz – President
Bill Verduin – Vice President
Paul Overbeek – Secretary
Ken Gleason - Treasurer

In addition to the above Officer positions, we elected three Executive Directors. They are Bob Vink, Brian Green, and Dale Hagen. Executive Directors serve a 1-year term.

For 2018 we also have Warren Roosen serving as Young Eagles Coordinator and Brian Greene as Flight Advisor.

Break: Coffee and Cookies N.A.

Program:

The program was an EAA podcast... and interview of two members of the three person team that took first place in EAA's Founder's Innovation Prize. (The \$25,000.00 Prize is sponsored by Airbus.) Thomas Baron's, Maxwell Lord's, and Justin Zhou's innovation was a head-mounted display which delivers critical flight information to the PIC while still allowing the pilot to see all other instruments and views from the cockpit (they call it the "Remora System"). They talked about the process of developing the concept and in general a little about themselves. Dale added some pictures, visuals of what they were talking about in the Podcast.

The program was well received by those in attendance.

Adjournment:

The meeting was adjourned at 21:30



2018 Dues are Due

We will be accepting 2018 dues (cash or checks) at the December 1, 2017 meeting. There is a required form to fill out when you pay your dues. We will need your EAA Member number, so please know your number or have your membership card with you so

you can be sure to be able to complete the form.

We will have copies of the two-page form at the meeting, but I have included it as the last two pages of this newsletter so that, if you wish, you can print it and fill it out before the meeting.

Official Membership Roster

One of the reasons for this form is simply to update our records. But another reason is we would like to publish an Official Membership Roster in 2018, complete with photos ('head shots') of our members. This Official Roster will only be available to other Chapter 211 members, and may, or may not, be free of charge.

Membership Levels

Another thing you will notice about the membership form (under Payment Information) that is different from the past is different membership "levels."

- ☐ Student \$0. (18 and under)
- ☐ Eagle \$25.
- ☐ Airman \$50.
- ☐ Ace \$100.

Student: If you are under 18 years old and a student, you can join for free. The **Student** level gets you a free newsletters and access to all events, but no voting rights.

Eagle: At the **Eagle** level you get your newsletter for free, access to all events, and voting rights.

Airman: At the **Airman** level you are entitled to all the benefits of the Eagle level, plus you will receive a free Official Membership Roster (when they come out) and a special name tag that attaches by magnet instead of a pin.

Ace: At the **Ace** level you are entitled to all the benefits of the Airman level, plus you will receive a certificate for a special portrait session of you with your airplane by professional photographer, Dale R. Hagen.

Whatever membership level you choose (except Student), is up to you. The higher levels will help out the chapter, and the bonuses are nice, but you may just feel generous, and that's a very good thing too!

Paying Dues by Mail

If you are not going to be at the December meeting or for any reason need to mail your dues, you can make your check to EAA Chapter 211 and send to:

EAA CHAPTER 211
16446 COMSTOCK ST
GRAND HAVEN MI 49417

Invite a Friend



Merry Christmas

Please join with your fellow EAA Chapter 211 family and Chapter 504 on Saturday, December 9, 2017, for an evening of Camaraderie and Holiday Spirit at our 2017 Christmas Dinner Celebration.

The venue will be Gordon Gilcrest's hangar at the Paul C. Miller-Sparta Airport, 9140 Vinton Avenue NW, Sparta, MI. Gordon's is the large hangar East of the T hangars that are just East of John Gill's hangar. There is access right off 11 Mile Rd. which borders the north side of the airport.

Chapter 211 will be furnishing meat, soft drinks and water.

Please bring a dish to share, your own table service, and your Holiday spirit(s).

Plan on arriving about 6pm with dinner beginning at 6:30pm.

EAA Chapter 211 Membership Form

Please Print Clearly

Contact Information

First name

Last Name

Suffix

Email Address

Cell Phone Number

Location

Work Phone Number

Street Address

Home Phone Number

City

Spouse's Name

State

Zip

Category

Member of Chapter: ☐ 211 ☐ 145 ☐ 504 ☐ 578 ☐ 221 ☐ Other _____

Newsletter Via: ☐ E-mail ☐ USPS ☐ No Newsletter

Member Information

Date of Birth ____/____/____

EAA Member # _____

Certificates:

- ☐ Non-Pilot
- ☐ Sport Pilot
- ☐ Recreational Pilot
- ☐ Private Pilot
- ☐ Commercial Pilot
- ☐ Flight Instructor (CFI)
- ☐ Airline Transport Pilot (ATP)
- ☐ Air Frame & Power Plant (A&P)
- ☐ Air Traffic Control (ATC)

Ratings:

- ☐ Instrument
- ☐ Multi-Engine
- ☐ Seaplane
- ☐ Helicopter

Endorsements:

- ☐ Tail Wheel
- ☐ High Performance
- ☐ Complex
- ☐ High Altitude

(Continued on other side)

Education / Degree(s): _____

Areas of Expertise: _____

Plane(s) you own or have owned: _____

Current Projects and Future Plans: _____

Payment Information – Annual Memberships Levels

- ☐ **Student \$0** (18 and under) free newsletters by email and access to all events, but no voting rights.
- ☐ **Eagle \$25** Free newsletters by email, access to all events and voting rights.
- ☐ **Airman \$50** All the benefits of the Eagle level, plus you will receive a free Official Membership Roster (when it they come out), and a special name tag that attaches by magnet instead of a pin.
- ☐ **Ace \$100** All the benefits of the Airman level, plus you will will receive a certificate for a special portrait session of you and your airplane by professional photographer, Dale R. Hagen.