



November 2017

Hangar Talk

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



2017 EAA Founder's Innovation Prize Winners!

Friday, November 3, 2017, 7:30pm

Grand Haven Memorial Airport, 16446 Comstock St, Grand Haven, MI

At this month's meeting we are going to hear from two members of the three-person team that took first place (out of more than 140 entries) and \$25,000 in EAA's 2017 Founder's Innovation Prize, sponsored by Airbus. Thomas Baron, Maxwell Lord, and Justin Zhou won this year's prize with their "Remora System" concept, which delivers critical flight information to the pilot through a head-mounted display.

On Monday, October 23, 2017, this same pair presented their winning solution to the General Aviation Joint Steering Committee (GAJSC) in Washington, D.C., and wowed the group of senior FAA officials and representatives of GA organizations who meet regularly to discuss GA safety metrics and accident prevention strategies. Oh, and did I mention, this team of Thomas, Maxwell, and Justin are high school seniors! I know you will be impressed too.

Prez Sez

Greetings Friends,

In last month's address I expressed some concern about our future, as a country and a civilization. But I also expressed areas of hope for our future. Well I want to tell you that this month's meeting will showcase a perfect example of that hope; one that you will not want to miss.

Last year I had the good fortune to be able to attend Oshkosh - AirVenture. One of the week's feature events I attended was the selection of the winner of the first-ever EAA Founder's Innovation Prize from among five finalists.

Again this year the Founder's Innovation Prize challenged EAA members to submit their best solutions to in-flight loss of control (LOC). Chaired by Burt Rutan, a panel of five noted experts from throughout the aviation world judged the five finalist's entries, *Shark Tank*-style! I hope you can imagine just how exciting this kind of a competitions is.



Sean Elliot, EAA Vice President for Advocacy and Safety, who also acts as GAJSC's industry co-chair, said, "The highest causal factor in today's accident world of fatal accidents, both in General Aviation and particularly in experimental-amateur built, is loss of control."

This year's EAA Founder's Innovation Prize winner was a three-man team... of high school students! When you hear these young men, you will be truly impressed, and you just might have a little more hope in the future of aviation, and maybe even our country.

"This year's winners of the Founder's Innovation Prize epitomize innovation and dedication to making general aviation safer," said Sean Elliott. "This out-of-the-box thinking is exactly what we're looking for with the Founder's Innovation Prize."

I hope to see you all at the meeting!

Sincerely,

Dale Hagen
EAA Chapter 211 President (2017)

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EAA Chapter 211 Meeting Minutes – 2017-10-06

Submitted by Earle Bares

Call to order and Pledge of Allegiance:

The Friday, October 6, 2017 Chapter 211 Meeting was called to order at 7:32 p.m. by President Dale Hagen.

Attendance: 19

A total of 17 members and 2 visitors were in attendance at the October meeting, which was held at Ed Cech's airfield ("Cub Haven"). Prior to the meeting we all enjoyed reviewing Ed's RV-9a, some cider, donuts, coffee and conversation.

Event and Meeting Dates:

The next meeting will be Friday, November 3, 2017, at our clubhouse at the Grand Haven Memorial Airpark.

General Comments and Update:

Dale welcomed everyone to the October meeting. Dale updated the members of up-coming events and projects. Dale thanked all those that helped on the club house and fuel painting projects and that further work sections would be scheduled.

Previous Meeting Minutes:

A motion was made, seconded and passed to accept the September 1, 2017 meeting minutes, which appeared in the October newsletter.

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

As of the meeting and before donations, we had a total fund balance of \$2,881.06 (\$2,848.81 in checking and \$32.25 in petty cash/other). We had expenses of \$79.12 and \$21.00 in coffee fund donations. A motion to approve the treasurer's report was made, seconded and passed.

Local Chapter Membership and Dues:

As of the close of this writing we have 37 paid members.

Technical Reports:

Technical Counselor, Jack Brewer reported further about a bushing that needs to be checked on most Lycoming engines. (The FAA has now issued an airworthiness directive.) The ST-531 Lycoming Bushing Press Out Verification Tool ST-531 is now available. The tool is required (following the Airworthiness Directive AD 2017-16-11) to inspect the connecting rods and replacement of affected connecting rod small end bushings if found bad.

Our other Technical Counselor, Gary Van Farrowe, was not in attendance.

Old or New Business:

The main topic of business was the changes to the Bylaws recommended by the Board, and how said changes would affect the election of the Board of Directors in November. Some concerns were expressed about the how ineffective leadership could or would be addressed, should an officer not be doing a good job. A vote was taken to amend the By-laws as recommended by the Board. The motion passed by a vote of 16 to 1.

Program:

Ed Cech gave a nice talk about his RV-9a project, including the engine conversion from a Subaru to a Lycoming and the firewall design. Ed also showed us the instrument panel design and the software used ("X-panel"). And, of course, we could all see this in person with the real live airplane in front of us.

After thanking Ed for his hospitality, the meeting was adjourned at 21:30, but a few members hung around talking for a while longer.

November Elections

This month we will be electing two Officers to the Board of Directors. We also need to elect at least one, but preferably two, members to serve as Executive Directors. Officers serve a two-year term and Executive Directors serve one-year terms. The two who are elected to be Officers will serve in 2018 with Larry Schwartz (President) and Ken Gleason, (Treasurer).

We will be taking nominations from the floor. Please consider putting your "hat in the ring." It takes just a little work by a few willing leaders to keep programs and events happening. Chapter 211 needs a few good leaders. Your leadership is needed.

We will also be asking you to approve an increase in dues to \$25 per year. It has been quite a while since we have had an increase in dues, and we think that a \$3 increase now is very reasonable and timely.

Great Job on the Clubhouse!

Window glazing has been completed on the clubhouse. We will give the glaze a few months to cure over winter and apply a protective coat of paint next spring. A big thank you to everyone who helped.

We have replaced a bunch of ceiling tiles but still have a little work to do on the lights..

One of the two fuel tanks got painted, but the weather is not looking so good to get the second one finished this year. The good news is Earle has finally received the required new decals for the tanks so that once they are painted the decals can be applied.

One thing we really haven't tackled yet is the Library. Looking for volunteers to take that on. We will discuss this at the November meeting.

New (used) Refrigerator for the Club:

We are pleased to announce that Chapter 211 has received a nice, used, apartment-size refrigerator from an anonymous donor! It will be nice to be able to offer chilled refreshments at our meeting.

Christmas Banquet

As of this writing we still do not know the date of the Christmas Banquet, but we should find out this week and be able to announce it at our meeting Friday. Also, a special announcement will go out by email soon after so that everyone will know in advance how to plan.

Pictures from the October meeting at Ed Cech's

