

March 2008

Hangar Talk

*News from Experimental Aircraft Association
Chapter 211, serving airplane builders, restorers,
pilots, and airplane lovers in western Michigan*



EAA Chapter 211

MEETING FRIDAY MARCH 7TH FLYING THE HUMP

The EAA Chapter 211 meeting will be Friday, March 7th at the clubhouse at the Grand Haven Municipal Airport. The program will be presented by Lee Helmink who will talk about flying the Hump in World War 2.

Dues and Roster

Please pay your dues, either by mail or at the meeting, \$25 or \$22 with email delivery of the newsletter. Anyone who does not have their dues paid risks missing the newsletter next month.

You will get a notice, either by email or a sticker on your newsletter, if you have NOT paid your 2008 dues. Pay your dues to Treasurer Al Smith by March 14 if you want to be included in the roster.

The 2008 Roster will be published with the April newsletter. If you have any changes from last years roster entry and you did not fill out an envelope when you paid your dues send the changes to the editor by March 14. Changes included changes in your address, phone

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number, email address, adding any projects or planes.

From the Library

The following issues of Sport Aviation are needed for our collection:

- 2004: May and August
- 2005: August
- 2006: November and December
- 2007: January through October
- 2008: All issues.

Copies of Experimenter and Kit Plane would be welcome.

Vic

Photos of Chapter Aircraft from the Early Days

The board is collecting photos of some of the planes built in the early days of the Chapter. If you have old photos from the Chapter we would like to borrow them, scan them, and catalog some of the Chapter history. We plan to eventually make them available to the Chapter in a CD or DVD collection.

If you have old photos of Chapter planes please loan them, along with a brief written description of the plane, the builder, and its history to a board member. They will get them scanned and return them. We are able to scan prints, negatives, or slides.

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Contributing this month

Prez Sez

I was impressed the last two months on the number of projects/restorations that are being worked on by the chapter. As a relatively new member, I was not aware of the number of active builders in our chapter. It is good to know that the art of building and the spirit of innovation is still alive, even though most of the members are old duffers (just kidding). The workmanship I have seen on several projects is impressive.

We are still looking for any old pictures of projects that have been completed by 211 members. You do not have to give them up, we only want to copy them and you can have them back.

There are still several members who have not paid their dues. I am sure George will explain what will happen in the case of non-payment.

We discussed at the board meeting about the need for a DVD player to connect to the new projector we have, any suggestions will be appreciated.

I received an email from Tom Kelly with the sad news that Herb Kelly passed away on Feb. 8th. Tom expressed his appreciation for the work of the chapter in disposing of Herb's tools, airplane parts, etc. He said that his father was pleased that the materials and components were put to good use. He is hoping that the airplane will sell soon. I sent a note of condolence to him for the chapter. I have attached his obituary.

Fly Safe

Paul Overbeek

President - EAA 211

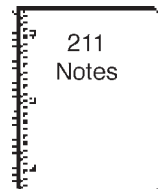
Editors Notebook

History

Your editor is thinking of Chapter history this month, a combination of the request for Chapter photos, the program on flying the Hump, and my going through archived newsletters looking for photos of Herb Kelley's Hawk. History slips away so easily. I do a reasonable job of backing up the newsletter files so that I can go back and find old photos and information. However, everything before 1998 is on floppy disks and I do not have a computer set up that can read them. The rest of my history is in boxes and boxes of unsorted photos, which are not too easy to search. That is one of the reasons I like the idea of scanning in the chapter history so that it is in a form that can be searched and distributed. We have a lot of history, we should insure that we do not lose it.

The 2008 roster will publish next month. Send any changes or updates to me by March 14 so I have a couple of weeks to finish the roster.

George



Herb Kelley 1918-2008

Chapter 211 charter member Herb Kelley passed away on February 8 in Houghton, Michigan. Herb was a vital member of Chapter 211 from the beginning of the Chapter. He built many airplanes including two Vollmer amphibians, a Cygnet, and a CGS Hark. His most recent project was a Commonwealth SkyRanger.

Herb began flying at age 16 and was a B-29 pilot in World War II. He continued to fly until a few years ago.

You can read his obituary and send a note to Herbs family at:

<http://www.funeralplan2.com/memorial/Obituary?id=122172>



Chapter 211 Minutes February 1, 2008

The call to order was at 7:35 by President Paul Overbeek followed by the Pledge of Allegiance. The Minutes and Financial Reports were read and approved.

Flight Advisor Ken Dannenberg gave January's accident reports. Although fewer craft were flying, winter weather took a toll of some 81 planes in all categories.

Tech Advisor Jack Brewer reported on How to Inspect Composite Built Aircraft and how to determine whether lamination separation has started. Strategies include tapping and listening for the difference and watch where the dew forms or not.

Chapter 211 is Updating Our Club History of past planes built by members or by a cooperative club effort. We are asking you to donate any photos film or slides. Our purpose is to copy them, then consolidate, edit and potentially make them into a DVD.

Awards were given to club officers and in recognition of service rendered. Ideas were requested for future Fly Outs.



Suggestions were made as to how to coordinate planes leaving within a radius of nearly thirty miles to arrive at a given destination. The Hessel Boat Show or a day at Mackinaw

Island were two suggestions.

Paul Dannenberg gave a suggestion to mix business with pleasure while members are called to fly out to other states. He told how he had distributed Our Calendar made up only of member built aircraft to various Businesses and Museums he visited recently, suggesting that is one way to get the word out we are a Builders Club.

Bill Scheltema displayed an inexpensive kind of "snake light" with a single LED light at the end with which he can now see into his farthest wing tank. It's from Harbor Freight. Bill also asked whether the club would be interested in having a local Eye Doctor give a presentation concerning cataract and laser surgery and how new techniques can help the aging pilot stay certified.

Break

Project Reports; Vice President Paul Dannenberg led the reports and started them off by presenting a machined part he recently made. At first glance it looked like parts to an old hand crank meat grinder. The two parts for a 3 cylinder radial



engine with a 5 inch stroke were carved out of billets of 4153 hard aluminum. One tapered to fit a spline on the end of the crankshaft, and the other fits over it to anchor the propeller to that engine with bolt and lightening holes to match.

Dennis Otto gave his findings when his plane's starter started dragging. He gave some comparisons of AC equipment and batteries. One must be careful to maintain FAA approved parts even with the magneto or battery in certified aircraft. Also to pass the FAA battery test, it must hold power for a full 30 minute draw. You need that much to have the initial heavy draw that comes with the first start up movement. It was mentioned that a dry cell needs a battery tender making it respond quite differently than a standard battery.

Ben Enninga says he has started doing the vertical stabilizer on his Sonex.



Doug Fischer told how he is juggling school with family responsibilities to get some bits done along the way on his RV-9.

Jack Brewer told how he will probably re-do a landing gear.

Several members told how they were pooling resources with other club members to make use of the "in the barn" work

Mystery Aircraft



From a recent visit...



Last months mystery was the landing gear of the amphibian floats from the 2+2 that Bill Vandermolen is building

Chapter 211 Minutes February 1, 2008

while we have this inclement weather so they will be ready to fly toward Spring to make use of the Winter downtime.

A Velocity will soon be getting a second door. Some modifications are called for to beef up that section normally.

Lin Light is still looking for the one that appeals to him. Lin related how he was researching several internet sources to crystalize his thought.

A Dragonfly is getting carburator work done and a crankshaft polished.

Gary Moshluk talked about 24 volt batteries, bearings, strut seals, heat treatments for camshafts and where to find lens covers and bulbs on older aircraft.

Paul Spetosky talked about his perseverance to keep his 1950 V-35 Bonanza in shape. He spent 2 full days to safety wire 8 screws because of the close working space. He talked about checking the magnetos to be sure you have spark impulse on both. Also keep track of wear on the pins. Vice President Paul reminded us that to go stainless with screws may not be the best choice. Pure stainless is soft. The 316 stainless is a better quality stainless. And should you mate stainless with wood as in a boat hull, the stainless will interact when kept wet and will soon disappear. Nylon or similar material screws are better in this case.

Ken Dannenberg is building a Cougar to get a nosewheel from an RV. He'll protect the bottom nut so

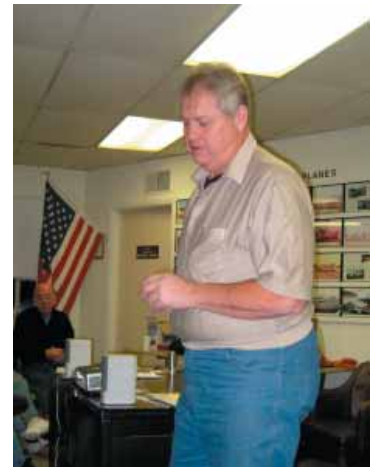
it can't dig in to collapse the nose gear, a 1/8 inch 4130 plate skid. He'll use a wood prop and have longer landing gear to help landing characteristics.

Ken Allen is nearing completion of his RV.

Alex Woolman's RV is coming along. He's been at it for 1 1/2 years now.

Scott DeGaynor bought a borescope with a long cord so that he can take it to the end of the wing and view the wing tank to get a visual check on the pro-seal and interior of the tank before fueling up. Others told about their experiences at the Oshkosh training facilities and at Willow Run which gave them the confidence to be where they are today. Meeting adjourned at 9:40

Alfred A Smith / Secretary



EAA Chapter 211 Calendar

March 7	Meeting
April 4.....	Meeting
April 8-13	Sun'n Fun
May 2.....	Meeting
June 6.....	Meeting
July 11.....	Meeting
July 28-August 3.....	Oshkosh
August ?.....	Picnic
September 5.....	Meeting
October 3.....	Meeting
November 7.....	Meeting



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