



Illinois Valley Beacon

March

Chapter 563 Chartered in 1976

Volume 20 Issue 3

EAA Chapter 563

February 14th, 2013 Chapter Meeting Minutes

President Sam Sisk called the meeting to order at 7:05

Secretary Report: Approved by voice vote as presented

Treasurer Report: Steve Bonfoey made motion to approve as presented seconded by Ron Wright approved by voice vote.

Old Business: None to conduct

New Business:

Ron Wright made a presentation as to why the Chapter might need an additional Standing Rule to the bylaws creating a new committee to handle donations to the Chapter. He made a motion to create a standing rule 13. After discussion it was decided that to add a new standing rule the whole membership needed to be informed about the new rule and told when there would be a vote held to approve or disapprove. A motion was made to have the board create the wording for a Standing Rule 13 and then decide when and how to notify the membership of the details and when the vote would be held. This motion was approved by voice vote with one dissenting vote.

Ron also showed us the plaque that he and Greg Lepine created to thank all of the supporting sponsors of their restoration of the Pasmay Prototype. The Plaque that is being presented to the Chapter members support will be hung in the hangar for all to see. Look for an article in the EAA Sport Aviation magazine within the next two months on the restoration and history of this plane, you will find it interesting.

With no further business to conduct the business meeting was closed. Jeff Meyer, our Program Committee Chairman, presented the movie we were going to see tonight, 'ONE SIX RIGHT'. Everyone seemed to enjoy this movie and Jeff indicated that if we wanted to watch more in the future he will put them on the schedule.

Respectively Submitted;
Your Secretary
Donald Wolcott

EAA Chapter 563

February 21st 2013 Board Meeting Minutes

Meeting called to order at 7:00pm by Chapter President Sam Sisk.

In attendance were Morrie Caudill, Don Wolcott, Greg Lepine, Morrie Caudil, Rob Meyer, Jeff Meyer and Bob Young.

Treasurer's Report: The treasurer's report was approved as presented at the Chapter meeting on the 14th.

Secretary's Report: The minutes from the last board meeting were approved as read. Don did state that the Standing Rule 10 & 11 were not changed as stated in the minutes addendum were added to Standing Rule 10 & 11 instead.

Program Committee Chairman Jeff Meyer discussed what speakers he was planning for future Chapter meetings.

Special Events Chairman Bob Young stated that the web site www.socialflight.com now has a list

of the Chapter's regular scheduled events listed on the site. New events to be scheduled will also be posted in the future.

Youth outreach Chairman Rob Meyer stated that they are having between 7-9 explorers attend the Aviation Explorer Post, sponsored by the Chapter, at every meeting. There are 2 new young people that have indicated an interest in joining. The first meeting in March, the 2nd, they will be doing their workshop activities. The second meeting of the month, March 15th Adoma will be talking to them about Flight Training. Rob will try a put into the newsletter information about the Explorer program activities held at Oshkosh during Air Venture.

Old business: Bob Young will get new updated bound booklets of all of the Standing Rules for members who wish one.

New business: A Motion was made by Greg Lepine to create a Standing Rule 13 that provides for a committee to be responsible for handling all tax deductible donations to the Chapter and bring this up to a vote of the membership at the next Chapter meeting. Seconded by Bob Meyer. After discussion, approved by majority voice vote with one nay vote. Information concerning date for the vote will be sent to all members.

The difficulty of use the current commercial Bunn coffee pots was brought up and discussed. A motion was made by Rob Meyer that two new Mr Coffee type pots be bought that would work best for most meetings. Seconded by Greg and passed by majority voice vote with one nay vote.

Meeting adjourned at 7:55.

Respectively Submitted; Your Secretary Donald Wolcott

What am I here for?

Whew! What a relief to learn this...

Ever walk into a room with some purpose in mind, only to completely forget what that purpose was? Turns out, doors themselves are to blame for these strange memory lapses.

Psychologists at the University of Notre Dame have discovered that passing through a doorway triggers what's known as an event boundary in the mind, separating one set of thoughts and memories from the next. Your brain files away the thoughts you had in the previous room and prepares a blank slate for the new locale.

Thank goodness for studies like this. It's not our age, it's that damn door!

Do WE Need A New Standing Rule?

At the next membership meeting on March 14, 2013 we will have a vote on a new standing rule #13, which will cause the formation of a Donation Chairman and Committee to better manage donations within the chapter. Come to the meeting March 14th and decide for yourself. Consider this adequate notice as required by our by-laws.

Notice to the Explorers

Due to scheduling conflicts at Lincoln Land Community College and the Air Combat Museum we will not be able to go to Springfield until Saturday April 6. Please reply to this email to confirm you will be able to join us. We will plan to leave Mt Hawley airport at 8:30 am and will probably return to Mt Hawley airport at about 2:30 -3:00 pm. We will stop for lunch in Springfield.

On Saturday March 2 we will continue working on our projects – finish tool boxes and start balsa models.

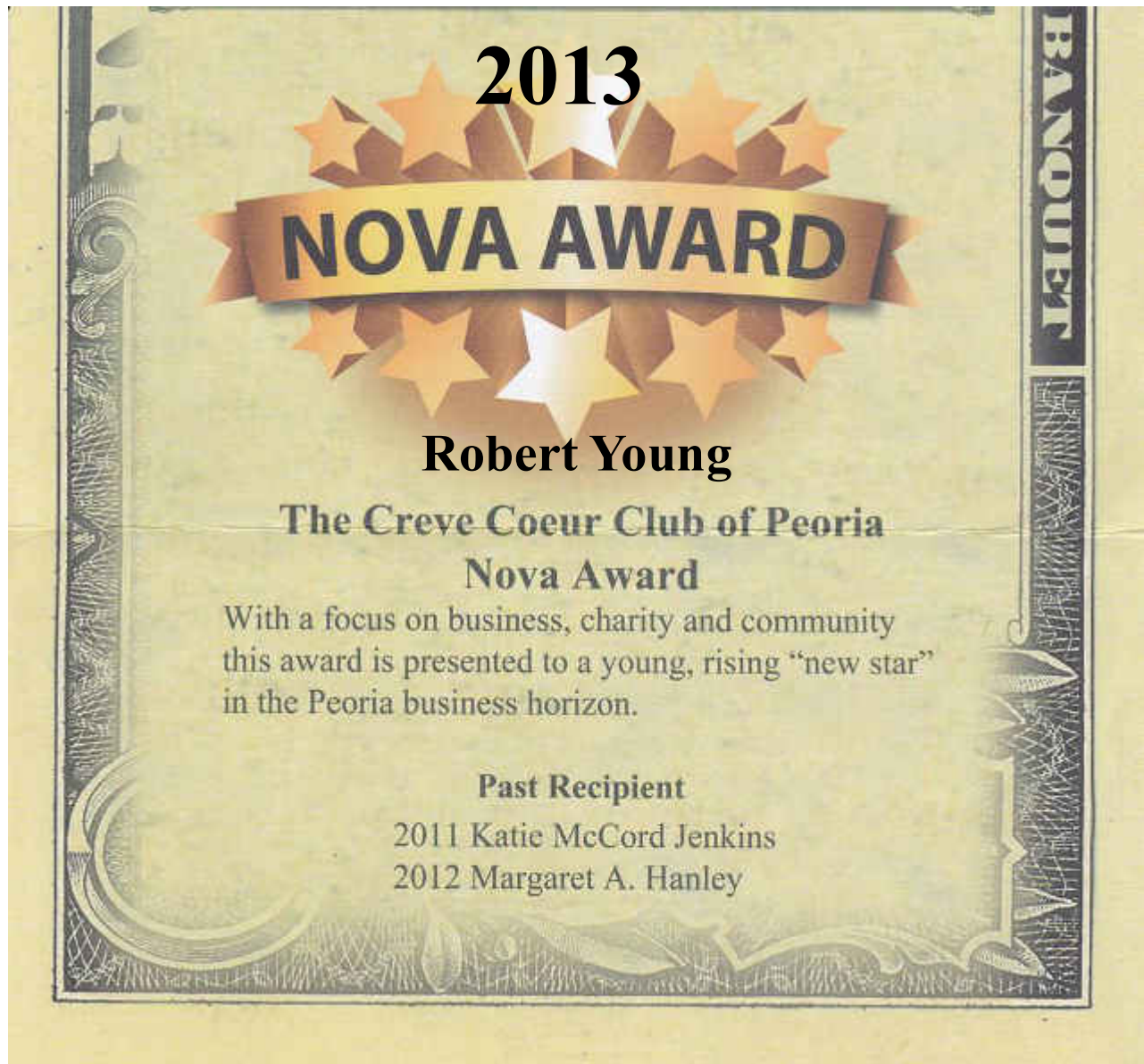
On Saturday March 16 we will have Adama Almond speak to our group about flight training and the pilot testing process.

Thanks ,
Rob Meyer

Nova Award

The Wikipedia encyclopedia describes a Nova as a star that is increasing in brightness. Our past president is certainly one of those. Last Friday, February 22, was Washington's birthday, and the Creve Coeur Club of Peoria had their Annual Washington's Day Banquet. They may have celebrated Washington's 180 years, but the main event of the evening was to present the Robert H. Michel Lifetime Achievement Award and the Nova Award to two deserving citizens of Peoria. This is the third year this award has been presented to a local person in recognition of their contributions to this community.

Bob Young is a Nova and his recognition and receipt of this award is well deserved.



OneX 107

Where did I leave off. Last month I finished by telling you about the nose gear installation. So I think the next thing to discuss is the canopy. But before I get into that, I had ordered a throttle and trim mechanism. The throttle is a nice lever mounted on the left side and has a place on the bottom for the mixture cable. I was a simple mount on the bottom of the panel. The trim unit also mounts there and is a push/pull cable that goes back to a spring mounted on the elevator push rod in the tail cone. There are two springs there, one pulling the push rod forward, and the other pulling the push rod backward. The push/pull cable tightens the rear spring to cause a change in the elevator setting. It's a simple, and I hope effective, way to preload the elevator either up or down.



I told you last month how the right side wheel was toed out five degrees. I removed the gear to send it back to Sonex, as per their instructions. I had to remove the axels before I shipped it so I set the gear up on the bench and put the propane torch on it like in the picture. This is one of those things where the axel is a press fit in the gear leg and they recommend you heat the aluminum gear leg and freeze the axel. I did this when I put them in the first time and had a heck of a time getting them in. There is a hexagonal pocket in the back side of the gear leg that the hexagonal head of the axel sits in when it is fully seated.



This is what I learned. When you put a frozen part in a hot hole the hole cools very quickly (especially if there is frost on the frozen part), and shrinks rather quickly, and the part you are trying to insert stops about half way in. Obviously, if the part you insert is warmer, things like that don't happen as quickly. Aluminum expands and contracts twice as much per inch, per degree, as steel. So to make up the difference between a frozen shaft and a room temperature shaft (50 degrees), all you have to do is heat the aluminum 25 degrees hotter and you will have the same difference in dimensions that you would with a frozen part. I found that after heating the gear leg like the picture, I could push the room temperature axel shaft in with my finger, and seat it with a tap of a hammer.

O.K. lets go on to the canopy. It's hard to describe the way you have to deal with this floppy, flexible, bigger than I am, piece of plastic. This canopy hinges on the right side and opens to the right. The Onex is like a horse, you mount it from the left. And, because it's a single place cockpit, I had to put a sign on the side wall to warn my passengers that the plane is EXPERIMENTAL. Go figure.

The canopy is supported on the inside by a frame that consists of an aluminum tube bow in the front and an aluminum tube bow in the back that are joined together along the bottom sides of the canopy. The tube bows have to be bent to match the shape of the wind shield in front and the rear bulkhead in the back. The canopy is 1/8 thick and has to be trimmed on all four sides. The front edge of the canopy overlaps the windshield bow 1/4 of an inch and I had to put it on and take it off many times to get the front edge trimmed to fit. Then when you trim the back edge or bottom side edges the front edge changes. More about cutting and trimming plastic the next time. I ordered the engine and am looking forward to building it myself.



Flying the North Atlantic

Follow the trail of early aviators traversing the far North Atlantic air route as Jeff Skiles, EAA's vice president of chapters and youth education, recounts his journey from Toronto to Switzerland in a rare Junkers JU-52 Tri-Motor, a German airliner from years gone by.

April 18, 2013 at 7 p.m.

EAA AirVenture Museum

3000 Poberezny Road, Oshkosh, Wisconsin

Presented by Jeff Skiles

Free admission to the general public

"Beyond the ropes" museum tour immediately following presentation

For more information call (920) 426-6823
or visit AirVentureMuseum.org



March 2 - 3, 2013
10:00 a.m. - 4:00 p.m.

EAA Family Flightfest



Discover the exciting world of aviation with an interactive, educational experience at the **EAA AirVenture Museum!**

Family Flightfest provides fun, hands-on activities for kids of **ALL** ages including:

- Indoor R/C Demonstrations
- Wright Flyer and Hot Seat Simulators
- Parachute Egg Drop Challenge
- Paper Airplane Contest
- Assemble and Fly Model Aircraft
- And More!

Lunch will be available for purchase each day between 11:30 a.m. and 1:30 p.m.



EAA AirVenture Museum • 3000 Poberezny Rd. Oshkosh, WI • (920) 426-6800 • AirVentureMuseum.org

