



## Mt. Hawley Runway Ribbon Cutting and Open House

This month Mt. Hawley Airport has had two significant events. For an airport that hasn't seen much in the way of change since the hangars were painted, this year will be remembered as a new beginning. A Ribbon Cutting ceremony was held, signifying the addition and opening of the new 400 foot extension of the North end of runway 36 and the annual Mt. Hawley Open House.

This addition to the runway opens the airport to a larger variety of traffic and hopefully more business for the FBO.

The second event was the annual Mt. Hawley Open House, which as usual, attracted a nice crowd of folks interested in aviation. It gives the neighbors and general public the opportunity to see up close and personal what goes on at the reliever airport on the North side of Peoria. I have actually talked to people who did not know the airport was located there. The flight school, located at the airport, Allmond Aviation, displayed their aircraft along with "learn to fly" information and discussed flight training with the crowd.

Many of the tenants displayed their aircraft including several restored ex-military planes. A local, old/antique car club brought out a line of cars that many of us remember and owned at one time. I guess that makes me old/antique also. Several members of the local RC (radio controlled) Model Airplane Club also displayed their craft.

Lunch was cooked and served by the Peoria EAA Chapter 563 which has been headquartered on the airport since 1998.

A significant year for Mt. Hawley Airport and the outlook for future growth.

**EAA Chapter 563  
October 11th, 2012  
Chapter Meeting Minutes**

The meeting was called to order by President Bob Young and 7:00

The secretaries report :

The minutes of the last board meeting were approved as printed in the newsletter.

Bob Read the flier sent from the Peoria Airport Authority regarding the new runway extension ribbon cutting ceremony slated for October the 18<sup>th</sup> at 4:00 and the Mt Hawley airport open house to be held from 11 to 4 on Saturday the 20<sup>th</sup>. Bob also stated that we needed some volunteers to help set up and to help cook and serve the hot dogs to the public.

Our speaker for the evening was our own newsletter chairman Morrie Caudill.

Morrie talked about his trip to the Sonex factory in Oskosh Wisconsin and the how their forum on building a Sonex plane was conducted. Morrie now has his Onex kit and is ready to start building. Morrie showed a couple of videos about the Sonex family of kit planes and one of a cockpit view of flying a Sonex thru some mild aerobatics.

We all are interested in watching the progress of this project.

Respectively Submitted;  
Your Secretary Donald Wolcott

## **Election of Officers**

This month the election of officers will take place at the regular membership meeting. These members will serve in the office for the year 2013.

The proposed slate of officers as presented by the nominating committee are as follows:

President: Sam Sisk

Vice President: Jerry Pilon

Treasurer: Al Phipps

Secretary: Don Wolcott

Board Members: Rob Meyer, Morrie Caudill, Greg Lepine Jeff Meyer and Bob Young.

At the November Chapter meeting additional nominations will be accepted and votes for officers and board members taken.

## Aviation Explorers

Our Aviation Explorers toured the Life Flight facility at Peoria Airport on Saturday, November 3rd. Life Flight provides emergency helicopter transport for all of Central Illinois. The Director of Operations, Brent Grady will organize the tour. Besides seeing the new helicopter fleet, the Explorers were introduced to related career opportunities including helicopter pilot, helicopter maintenance, flight doctor, flight nurse, etc.

We have our new shirts for the Explorers and the adult leaders. They are a polo style in light blue with navy blue embroidery. Besides the EAA logo the lettering includes Explorer Post 563 and their name/call sign. These shirts will help others identify us on future field trips to aviation events. Additional shirts can be ordered by contacting Rob Meyer.

On November 17, our group will meet at the Mt. Hawley Airport for our regular scheduled meeting.....we will meet from 9:00 to 12:00 to make more progress on the tool box project. We need additional EAA member assistance to make this effort successful....please bring some of your aviation tools (dimple dies, rivet squeezers, rivet guns, cleco pliers, etc.) and plan to spend some time to teach aircraft building skills to our Explorers.

Then, on December 1st, we are planning a trip to Peoria Airport for a "behind the scenes" tour of terminal operations. Gene Olson, the Peoria Airport Director will be giving the tour.

The Springfield, Illinois trip will be moved to January because of schedule availability at Lincoln Land Community College.

The Explorers are selling Popcorn as a fundraiser. We will have some products available for sale at upcoming EAA breakfasts/meetings. These make great Christmas presents or share with your family/friends over the holidays.....and the proceeds help support our Explorer post.

Please call me if you have questions.

Thanks,  
Rob



# OneX 107

This is the beginning of a series of articles you will be subjected to by me, your editor. The title describes the airplane kit I purchased and am building in my garage.

The aircraft in question is a Sonex model OneX. This is the single place version of the Sonex. The OneX model is about a year old and the kit I have is kit number 0107.

Al Phipps and I attended a workshop at Sonex on Oct. 6-7. The company is located on the Oshkosh, Wisconsin airport, over on the East side. We flew the C-150 up there on Friday and returned on Sunday afternoon. We left here on the back side of a cold front with a little lingering rain and by the time we reached Rockford the sun was shining and the rest of the weekend was severe clear.

The workshop was well worth the effort. All day Saturday and Saturday evening we attended presentations and demonstrations of the history of Sonex and the reasons behind the design and engineering of the Sonex models. Between times we worked on a project to build a section of a typical Sonex wing section which included all the standard rivets, layout, and construction of the leading edge of a Sonex wing. The company facilities were very impressive. Clean, well organized, and very professional. The warehouse was well stocked and they were taking orders for delivery that week.

The result was I ordered a OneX kit on Sunday before we left and it was delivered the next Friday.

They made me an offer I couldn't refuse. They were expecting a large order from an EAA Chapter in Arizona later this month and they gave me several nice discounts if I ordered right away.

So———There is an airplane in my garage. You wouldn't recognize it right now. It's a pile of aluminum and several large cardboard boxes but give me a little time and it will present it's self.

So this is the beginning of the saga of OneX 107.

The kit arrived on an eighteen wheeler on Friday the 12 of October. Sam Sisk, Al Phipps, and my grandson Kyle were here to help unload it. It came on a pallet that measured 4 X 10 feet and weighed 400 pounds. We un-banded the boxes, six or seven, and then rolled the pallet in on a couple of dollies. All the flat aluminum sheet was sandwiched in between two sheets of chip board on the bottom of the pallet. The

pallet was basically a 2X4 frame with the two sheets of chip board on top to form a base to stack and band the boxes on.

I used every inch of that pallet to get my shop ready for work.

A few days before, Sharon and I were over on Main Street to donate a light fixture to Habitat for Humana. They have a display room there with donated furniture and I found two steel desks, like I used at Caterpillar for 44 years, and I realized they would make an excellent work bench. So I bought two of them and hauled them home. They measure 3 x 5 and have adjustable legs so they can be leveled. The desks are heavy, level, and have drawers to put stuff in.

I took the 4 x 10 chip board from the pallet and sawed one foot off the edge. The two pieces, 3 x 10, laid on top of the two desks, make a good bench top that you can drill into. I took the 2 x 4's and made shelf brackets, attached them to the garage wall, and put the 1 x 10 foot pieces of chip board on them to make a two foot wide shelf that holds all the flat aluminum pieces and angle.

You are supposed to check the packing list against the inventory of the boxes. I didn't. It would take several days to find and check off every part. To their credit, every part has a sticker on it identifying it and the drawing sheet it applies to. I'll trust Sonex to do a good job of shipping, and if I'm missing a part, I'll buy the replacement.

The kit does not have step by step instructions for the building process. The drawings are arranged in the order of construction. You start with the last drawing of a section (tail, wing, fuselage) and work toward the first one which is the final assembly. It helps if you have had a little blue print reading experience and are familiar with bolts, nuts, rivets, and the use of metal working tools. I chose to start with the tail components. I was pleasantly surprised with the ease of assembly. All the frame members and skins are predrilled and ready to cleco together. Every thing fit, almost too well. You could actually put the elevators on upside down and backwards and you wouldn't know it until you mounted the horizontal stabilizer.

Next month I'll start to feed you some pictures of the assembled parts.



NOVEMBER						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3 First Breakfast
4 Catalina Service Time only	5	6 Liberation Day	7	8 Regular Meeting	9	10
11 Veterans Day	12	13	14	15 Directors Meeting	16	17 Second Breakfast
18	19	20	21	22 Thanksgiving	23	24
25	26	27	28	29	30	

The Regular Chapter 563 meetings will be held at the Chapter Hangar at 7:00pm on the second Thursday of each month.

All Chapter 563 breakfasts will be held at the Chapter Hangar from 8:00 am to 10:00 am on the first and third Saturday mornings.

The Chapter 563 Directors meetings will be held at the Chapter Hangar on the third Thursday of each month at 7:00pm.