



Upcoming Event It's Official

Mt. Hawley Airport will be having an open house at 3MY on Sept. 14, 2013. The Chapter has supported this event each year by preparing the hot food and cold drinks for the spectators.

If you have an airplane to exhibit, plan on moving it up to the ramp so the public can see the diversity of aircraft hangared at 3MY.

The Chapter will be flying Young Eagles that morning from 8:00 till 11:00 and need volunteers to manage the event. Both pilots with planes and a ground crew to handle the children and the paper work. It normally takes five or six people to keep up with the paper and kids. The more airplanes we have the sooner we will be done. If you can spare a few hours for the kids, contact Al Phipps at 309-224-8040.

Painting

I am, by no means, a painter. I just know enough to get myself in trouble.

That is the way I started this article in last months newsletter. I went on to expound on how to spray the primer coat on the fiberglass parts of OneX 107.

Well, I did spray the primer coat and it smelled so bad that I decided to do something else with the color coat. I had \$150.00 invested in paint and I didn't want to screw it up. But the smell, even inside the house, was the deciding factor.

I put the garage back together and took everything down to Randy's Collision Service on North Adams Street. It used to be called Board's Auto Body, when Randy's dad, my friend Bill, was

running the place. They have a large paint booth there and an experienced painter. He promptly found that the primer I put on was not adhering in some places so he sanded a lot of it off before re-coating with his primer.

I think you will agree the result is very nice. Much better than I could have done in my garage. Things like this are better left to the experts.



The wing are completed and one is on the airplane as we speak, the other will out there soon. I'm currently working on moving all my tools, blue prints, parts, rivets, and bolts to the hangar so I can finish the 90% that is yet to do.

Chapter 563 Explorers

My name is Mike Vitale. I'm one of the adult leaders in our Aviation Explorers group. Rob Meyer asked me to take care of the monthly newsletter and it looks like I'm already behind schedule. In addition to the note you will find several pictures from Oshkosh. You can also reach me on my cell- 309-251-2701.

Greetings from Aviation Explorers,

The highlight of July/August for our group was Air Venture. We had seven explorers and three adult leaders that made the pilgrimage to Oshkosh from Wednesday afternoon through Saturday afternoon. For most of the explorers it was their first trip to Oshkosh. Our post joined about 140 youth and 40 adults from 16 different posts at the base camp. Illinois, Wisconsin, Kansas, Cali-

California, Maryland, Indiana, Missouri, and Michigan were among the states sending explorers. This was a great opportunity for our group to establish more cohesion as a unit as well as to meet and interact with explorers from around the country. We helped earn our keep by doing KP kitchen duty twice as well as doing shifts of “ropes” and “wing walking”. As a parent of one of the explorers I was relieved to learn that “wing walking” wouldn’t require any death defying acrobatic skills!

On August 6th, five members of our post participated in a tour of the Air National Guard Post of Peoria.

Thank you for your continued support.

Respectfully Submitted,

Mike Vitale



Friedrichshafen Freunde fliegenin Flugzengen uber Peoria

On Saturday, August 3, 2013, the teenagers participating in the Friends of Friedrichshafen Youth Exchange were treated to airplane rides over Peoria in the Cessna 172s of the Bradley Flying Association. The sightseers were able to pick out Bradley University, Kartville, the Peoria Speedway, the PDC Hazardous Waste Disposal landfill, the USDA Lab, shopping centers, the Peoria Heights water towers, golf courses, Komatsu, the Illinois River, the downtown Peoria skyline, Caterpillar East Peoria factory, and the Greater Peoria Airport from the air. Rides were given to thirty-seven teenagers and chaperones.

This was the second annual activity for the Bradley Flying Association in response to a similar activity for the Peoria visitors to Friedrichshafen given by the Friedrichshafen flying club. The weather was ideal with moderate temperatures, clear skies, unlimited visibility, and variable winds occasionally gusting to 4 knots.

The pilots for the event were Dick Barthel, Vince Stubbs, Scott Springer, Dale DeMott, and David Scott. Also helping with ground handling, hospitality and loading were Patty Klise, Jerry Klise, Scott Barnes, and Jared Kurth. The flight time was donated by and charged to the personal accounts of the directors of the Bradley Flying Association.

For more information about the Bradley Flying Association, see the website, www.bradleyflying.org.

contributed by Dick Barthel with headline assistance from Edna Baker

For Your Information

You will note that there is a damaged Vari-Eze stored in the front of the hangar. It has been donated to the Chapter by Del Dester. The eventual fate of the airplane will be determined by the Donations Committee and the board of directors at the meeting on the 19th. Please attend this meeting if you are interested.

EAA Chapter 563
August 8th, 2013 Chapter Meeting Minutes

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

Secretary Report: July Board meeting minutes were read

Treasurer Report: None

Old Business:

Rob Meyer talked about the Explorer Base Camp at Oshkosh during Air Venture. There were 16 different Posts represented with approximately 140 youth attending. The Explorers had to work one half a day every day doing things such as kitchen duty, marshaling of aircraft and helping push airplanes back up onto a taxiway as well as other tasks as assigned. The rest of the day they could do what ever they wanted. The Base Camp had a College Park so the Explorers could visit with the different college recruiters in attendance. There was also a Job Fair where they could talk with people about what jobs were available. Both the kids and chaperones were very impressed and had a great learning experience. Rob stated that our Explorer Post should be a very important aspect of what our Chapter should be about. How else would these kids gets exposure to aviation, not just seeing and being up close to planes but having the experience of hands on education along with the responsibilities of volunteering. Rob then explained how the leadership of the Post be going forward. A Couple of the current adult volunteers will be taking on some of the major event planning responsibilities and record keeping. There will still need to be an overall coordinator position to be filled and Rob hope someone will step forward and volunteer. As he said this is your chance to make an impact on the future of aviation by help lead our youth.

Al Phipps will be taking over the duties of the Young Eagles Program and Jerry Pilon has volunteered to help Al with some of the duties of Treasurer as needed.

New Business:

Sam stated that the open house for Mt Hawley Airport will be held on September 14th. The chapter will be holding a Young Eagles Event for the youth that may attend the open house and some others that given indication in the past that they would like to fly. The Chapter will also do the cooking of the hamburgers and hotdogs to be served to the public. If you have a home built or restoration project it would be nice to have it on display for the public to see. It does not need to be complete or flying at the time. This would give the public some indication as to what EAA is all about.

The business meeting was adjourned at 7:25

The speaker was Morrie Caudill talking about and showing the build process for his Onex. He had just moved his completed fuselage in to the hanger this week. It was very interesting to see a project that was starting to come together that you could touch and feel. He also showed a video put together by Sonex as to the different kits they have available and how they are built.

Respectively Submitted;
Your Secretary
Donald Wolcott

EAA 563 BOARD MEETING
August 15th, 2013 at the Chapter Hanger

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

Those Board Members in attendance were Sam Sisk, Jerry Pilon, Greg LePine, Al Phipps, Morrie Caudil, Rob Meyer and Donald Wolcott

Secretary report:

The July Board Meeting minutes were read, motion made to except by Greg LePine, seconded by Jerry Pilon and approved by voice vote.

Membership Committee: no report

Publications:

Jerry Pilon stated that he is working on improving the web site and hopes to get it done soon.

Program Chairman:

A C130 pilot is scheduled for the next chapter meeting to talk about his experience flying a C130.

Property and safety chair: No report

Public Relations: No report

Old Business:

Special events:

The open house for Mt Hawley airport is scheduled for September 14th. The chapter will be sponsoring a Young Eagles event as well as cooking the food, hamburgers and hotdogs, to be served to the public. This provides some exposure of the Chapter to the general public. It would be nice to have several home built planes on display for the public to see.

New Business:

Explorer Post:

Rob stated that Oshkosh was a great opportunity for the Explorers that attended. The Explorer Base Camp provided many experiences including doing volunteer work for half a day each day, a College Park where they could visit with many different college recruiters and learn what education experience were available to them and there was a Job Fair set up for those that wanted to explore what kind of job opportunities that are available.

Rob also discussed some organizational changes that are being made with in the Post. Some of the fathers are willing to take over some of the specific functions that need to be done. There is still a need for over coordination leader position to be filled. Since there are both male and female explores in the post this position could be led by either a male or female leader. This position has to be filled if the Post is to continue in the future. Rob will send out an email to all members outline the specific duties, who will be in charge of each duty and what the overall coordinator's responsibilities will be with the hope that someone will step forward and fill this position. Now is an opportunity for someone to provide some expanded leadership with the Chapter.

The EAA Chapter Gram was a source for extended discussion as to what we need to do to grow our chapter and provide more ways that chapter members can be active and proud to be a member of the chapter. A copy of this Chapter Gram will be posted in the

newsletter and a copy will be provided to anyone that would like one

Meeting adjourned at 8:00

Respectfully submitted:

Your Secretary Donald Wolcott

This is the future, pay attention

By Steve Bonfoey

Dick Barthel asked me to write an article about the iPad as a contribution for the newsletter and I'm happy to do so because it has helped me immensely and I'd like to keep you guys safe. The iPad will definitely keep all of us safer. (Run-on sentence. Oh, well.)

There's a lot to discuss: Weather, Flight Planning (IFR and VFR), Airport Info, Traffic, Wi-Fi connections, ADS-B, Apps, Battery life, and complexity. To give this some structure I'll just tell you what I do:

Preflight

A week or ten days before I take a trip, or even if I'm just going to the Bradford VOR and back for practice, I use an app for the iPad called Intellicast to survey the weather. Intellicast forecasts weather out to ten days and gives me the forecast winds on the ground, temperatures, clouds, rain, etc for each of the ten days. In addition it will maintain a list of the cities I expect to pass over so I can check them every day. If I'm going to Michigan I'll look at the forecasts for Pontiac, Kankakee, South Bend, Grand Rapids, and my destination. I'll get the aviation weather before I depart but this gives me a way of planning or canceling a trip ten days ahead.

Other apps I could use are 'Radar Plus', and 'AWC', NOAA's National weather service. These are all free. adopted by the other. I prefer WingX because it is a more open environment. There are other alternatives and a few years from now they'll probably all offer similar features.

If I'm going any distance I'll then use WingX to plot the path of my flight and create a flight plan.

In my opinion WingX, from Hilton Software, and Foreflight are the leaders in flight planning software for the iPad. They are also available on cell phones. The two companies are fiercely competitive and a new feature on one platform is quickly alternatives and a few years from now they'll probably all offer similar features.

At this point I'm still at home and my iPad is connecting with my internet router. If I were at McDonalds or at an FBO I could access their Wi-Fi connection from the iPad. If I am out in the countryside I can connect via Verizon by paying them for one month's Wi-Fi service over the cell phone system. Some of you have Verizon or AT&T Wi-Fi permanently available. If I am up in the air I will lose the Verizon connection--or maybe not. I have used my phone to call my destination just before landing, when it came alive with two or three bars, and perhaps I could access Wi-Fi the same way. But that's not necessary with ADS-B. (The FAA doesn't care about airborne cell phones but the FCC frowns on it.)

While I plot my flight plan, which I do by clicking on the map screen for 3MY, Pontiac, Kankakee, South Bend, Grand Rapids, etc., WingX not only plots out the route but in the background it creates a flight plan in tabular form and, back on the map, is simultaneously displaying radar weather along my route if there is any. It found the weather on the internet while I was thinking about other things. WingX, and maybe ForeFlight also identifies each airport as VFR or IFR so you can just glance at the map. If your destination has gone IFR you can see airports that are labeled VFR. Niiice!! Better than sex? Close!

My R172K is slow. Winds aloft make it slower or faster. Turning to the WingX tabular flight plan, there is an optimize tab and underneath are tabs for Webplan and Altitude. Webplan would give me a new route but I prefer my own so I tap Altitude and, based on my normal True Air Speed, WingX shows me the ground speeds I could make at altitudes between 3000 and 18,000 feet. Nice. Oh yeahh!! And I often neglected this in the past. (The tabular flight plan also shows fuel consumption, times, distances, etc. which I did use.)

While writing this WingX told me some of my charts are going out of date. Going to the 'Databases and Subscriptions' menu, I press 'Download Databases' and WingX goes to work updating everything. I'll have up to date sectionals, IFR-Lo charts, terminal approach charts, and Sectionals for my trip along with the A/FD and AOPA info on airports. (I still carry a lot of paper charts and stuff.)

To check the weight and balance I use a free app called WinB.

Now I go to the Duets menu and get a weather briefing for my route of flight. Remember all the Notams at the bottom of the old print outs?? WingX has broken all of that out for you, arranged it by category and airport, terminal forecasts, runway NOTAMS, navigation NOTAMS, and taxiway NOTAMS for the airports on your route of flight and, glory be!!, translated them into readable English!!!

In addition your iPad has received all the Duat weather maps including prog charts. That's Radar, Satellite images, Wind, Flight Conditions, Airmets and Pirep, current convective watches, etc.

Having requested and received a weather briefing, WingX lets me submit a VFR or IFR flight plan.

So now, if I took off without a Wi-Fi connection I would have current and forecast weather and airport NOTAMS based on the data available at my last download. Probably that's sufficient.

Before I take off I make sure I've authorized the iPad to follow me with its built in GPS and as I taxi out WingX, which can split the screen to simultaneously show maps and airport diagrams, can display my position on the taxiway and identify all the taxiways. On take-off, after I reach airspeed, WingX drops the airport diagram and shows me on the moving map. Heads up or North up for the display? It's your choice.

At this point my investment is the iPad and a \$150 annual subscription to WingX. All the other apps on my iPad are free.

More later



MT. HAWLEY AIRPORT

OPEN HOUSE

Saturday • September 14
11:00 a.m. - 3:00 p.m.

Fly In or Drive In • Free Admission
Fun for Family & Friends • Enjoy General Aviation

- Explore a variety of aircraft inside and out and tour the facilities.
- Visit with our local flight schools and learn about flying lessons.
- Check out the new extended runway that caters to corporate clientele.
- Learn about chartering flights for business or for fun.
- FREE food and beverages will be served.



Mt. Hawley Airport is located at
1320 West Bird Blvd.
Peoria, Illinois 61615

From I-74, go north on Highway 6 about seven miles to North Knoxville Avenue. Turn to the south one-half mile to Mt. Hawley Airport.

SPECIAL FUEL DISCOUNTS!

\$0.50/gal off regular price for those who fly in!

GENERAL WAYNE A. DOWNING
PEORIA INTERNATIONAL AIRPORT

For more information please call (309)693-2372.



SEPTEMBER 2013

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7 First Breakfast
8	9	10	11	12 Membership Meeting	13	14
15	16	17	18	19 Directors Meeting	20	21 Second Breakfast
22	23	24 HONEY FLIGHT	25	26	27	28
29	30	1	2	3	4	5

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.