

WINTERMAIL

EAA CHAPTER 25

MINNEAPOLIS / ST PAUL, MN

SEPTEMBER 2009

Zodiac 601 XL Update *by Pat Hoyt*



Pat sponsored a project visit of the Zodiac for Chapter 25 at his home in February of this year. See the February newsletter for background on his project at that time. As you can see, Pat has made a lot of progress since then!

I am currently working on the canopy, which has been one of the more challenging pieces of the project. I'm giving that the priority while the weather is still warm and thus the canopy is less brittle.

The Corvair engine is mounted, and I am beginning to do some of the firewall forward things, such as *(Continued on page 4)*

Whistler Taxi

by Jim Ladwig

August 22

Hi friends,

Today was a big day for the Whistler project. My son Forrest and I fueled the plane and got the engine started (I sat inside, he pulled the prop and pulled and pulled and pulled) and we went

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Koser's Comments



At last month's meeting, the silent auction netted over \$200 to go to scholarships. That's great, and lots of folks found some treasures.

At our coming September meeting, we'll have a "movie night" featuring a portion of a 2 DVD special collector's edition of "Kitty Hawk, the Wright Brothers' Journey of Invention." This edition features two current aviation/space heroes as the voices of the

Wright Brothers ; Neil Armstrong as Orville, and John Glenn as Wilbur.

Bev and I spent a wonderful week on the outer banks, staying at Kitty Hawk, and taking day trips to lots of outer banks sites. One of our days was spent at the Wright Memorial at Kill Devil Hills, and part of another day at Jockey's Ridge dunes, watching hang gliders soaring off the tops of the sand dunes. Other days were spent at various lighthouses, beaches, and some interesting historic sites on Roanoke Island, NC.

The Wright Memorial is an excellent place to spend a lot of time. Ranger talks, utilizing a reconstructed Wright Flyer tell the story of the adventures of Orville and Wilbur. The wall of aviation personalities is extensive. The place has lots family and kid activities, including making and flying kites, and walking the hill from the Wright Brothers' takeoff point to the various landing points. You certainly get the idea of the direction of prevailing winds on the location.

For pilots who want to check in at the little air strip just west of the Kill Devil Hills monument, you can park your airplane for up to 24 hours and/or sign in with your N number at the AOPA First Flight Facility, following which, you'll receive in the mail a neat little certificate of your visitation.

We have an important Board meeting this month, immediately following Young Eagles on 19 September. I'll be getting an agenda out to Board members soon via email.

Next month is Banquet month. We're all looking forward to the event on 4 October, and our Speaker, Liz Strohfus, a WASP serving as a ferry pilot during WWII. The regular 3rd Wednesday of October meeting will feature Don Ingraham, presenting lots of soaring images and details.

- John



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This Month: Wed Sept 16th—Chap. Hangar—6 pm

Grill on at 6, Meeting starts at 7. Please bring something to share.

Program: September's meeting is a "movie night." Just back from the outer banks of NC, John is bringing a DVD of "The Wright Brothers - A Journey of Invention." The part we'll run lasts about an hour, and has a lot of early film clips and still shots of the work of Chanute, Lillenthal, and Langley, as well as Orville and Wilbur.

Sat Sept 19th—Young Eagles at 9am, BSAEC hangar at Airlake.

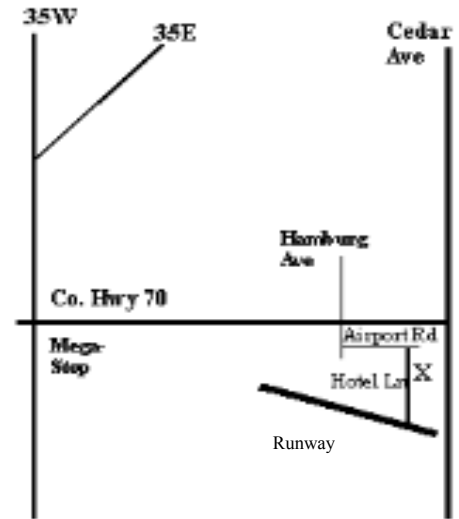
Young Eagle volunteers, please contact Bill Brown for more information.

Sun Oct 4 —Annual Awards Banquet at Eagan Community Center

Social hour at 6pm, dinner at 7 followed by awards and Liz Strohfus.

Mark your calendars! [See map and directions on page 8.](#)

Directions to Chapter Hangar at Airlake: South on I-35 to Hwy 70 (Megastop), then East to Hamburg Ave (3rd stop sign.) Right turn and South to airport perimeter road. Left on airport perimeter road then right on Hotel or India Lane. If the surface is dry, please park on grass between hangars.



EAA Chapter 25 Meeting Minutes

August 19, 2009

Presiding Officer: John Koser

Location: Bert Sisler Aviation Education Center (BSAEC) at Airlake

Business meeting discussions

Our annual chapter banquet will be October 4 at the Eagan Community Center. Tickets at \$17. Liz Strohfus will speak about her experiences as a WASP during WWII. Please contact Pat Halligan if you can help round up door prizes.

Our fundraiser raffle is underway. We are a bit behind in members turning in their sold tickets. Several members have sold more than their allotted 10 tickets. Prizes this year include a flat panel TV, an auto GPS, and a flight in Clay Adam's Travel Air. The drawing will occur at the chapter banquet on October 4.

We had a small turn out for the Young Eagles rally on Saturday. We need your help in finding kids to fly. Please post the flyers that have been supplied at local community bulletin boards. As always, contact Bill Brown if you can help with any of the rallies.

A treasurer's report was circulated. At meeting time our cash balance is \$3444.

Electrical improvements have been made to the BSAEC (chapter hangar) in preparation for insulation. We are looking into the cost of insulating and installing several windows. Attend the board mtg on Sep 19 to learn more.

We would like to get an airplane into our hangar. If you are doing final assembly or flight testing and would like to use the hangar, please contact a chapter officer.

John Schmidt is wrapping up his third session of teaching aviation summer school to students. He relates that this is a great experience and encourages other chapter mem-

bers to get involved. See John or contact your local school district for details.

Lou Martin commented that he suggested several warbird take off and landing operational changes to EAA after the tragic warbird accident that occurred several years ago at AirVenture. He was pleased to see that they have implemented several of his suggestions.

Jim Mayer indicated he is cleaning house and has aircraft aluminum and hardware available.

We will have "Movie Night" at our chapter meeting next month. Title to be announced. Our October meeting will feature a presentation on sailplane operations.

Program

Jim Hancock spoke about his experiences in building and flight testing a Pitts Model 12.

-Submitted by Craig Nelson

2009 Banquet Speaker Liz Strohfus

Faribault native Elizabeth Strohfus learned the thrill of flight after an airplane ride in her teen years. She borrowed money for flying lessons and joined the Civil Air Patrol. During World War II she volunteered for the Army Air Corps and was rated as an instructor. She taught instrument flying to male cadets and later ferried B-17 and AT-6 warbirds around the country.

After the war, Strohfus raised a family and didn't fly again until she received a 1991 invitation from the CAF. She was re-energized and later got a ride in an F-16 fighter. In recent years she has traveled around the state speaking to groups on behalf of women aviators. She is one of Minnesota's most visible aviation ambassadors.

Zodiac 601 XL

(Continued from cover)

installing the coils, intake, exhaust, and the MA3-SPA carb.

I've got all my engine gauges in hand. While at Oshkosh I bought a new Dynon D6, and a nice handheld radio, as well as some "comfor foam" that I will use to make my seats.

I'm doing some panel planning. I built a Lift Reserve Indicator a while back. I need to figure out what to do about a transponder. I am holding off on getting a GPS probably until after Phase 1 testing is complete, as I expect GPS prices to go down and capabilities to go up between now and then...

Still have all the electrical stuff to do. Lot to learn there.

People always ask when it will be ready to fly. I tell them the same thing I told them last year: "in about a year". I plan to work on it as much as I can in the convenience of my garage before moving it out to the Chapter 25 hanger for final assembly.

My wife Mary wants me to build her a Pietenpol when I finish the Zodiac. Chapter 25 is a strong Pietenpol chapter, with a lot of knowledge and experience with this design, so this would be a good one to build. I've already got the plans hanging in my office...

- Pat



Early Panel Planning



Fitting the baffles



Plenty of headroom



Need a bigger garage

Whistler Taxi

(Continued from page 1)

for an extended ride on the taxiways and apron of the Le Sueur airport.

Daughter Jean and her friend Troy and his two daughters showed up soon after, and we fired up the engine again. Troy got a taxi ride and then Jean. She got an introduction to throttle operation. The girls were shy about getting in the airplane, but did sit in it for a long time after we shut down the engine.

Forry then got in quite a bit of taxi practice, and is looking for more.

The engine is a little rough at low idle (below 800 rpm) but sounds good otherwise and did not hesitate or give any problems. Compression got better with each run.

Need to adjust the mixture to smooth out the low idle operation and definitely need to search for the recipe for quick, reliable starts.

As someone said recently, soon I will just have to fly it.

September 1

Hi All,

On Tuesday, September 1, my son Forrest and I did some more taxi runs on the runway at Le Sueur.

The plane got light on the wheels, but I think at least one was on the ground at all times. If not, we did technically "fly it on Tuesday."

We are looking forward to more and longer trips in the future.

-Jim Ladwig

Banquet Call

from Pat Halligan
(Banquet Chairman for Life)

Hello members,

In just over one month (October 4th) we will be gathering for our annual EAA Banquet, at the Eagan Community Center. I hope you and your spouse plan to attend. Tickets are the same price as the last few years-\$17. You can order them today, by writing a check and mailing it to:

Kris Olson
110 7th Street North
Cannon Falls, MN 55009-1941

Kris is our new chapter treasurer. Make checks payable to EAA Chapter 25.

Most of you are aware, we have a wonderful speaker lined up for the evening. Ms. Liz Strohfus is a MN Aviation Hall of Fame inductee and a former WASP from WWII. I have not heard her speak, but I have been told she is delightful.

Social hour starts at 6 PM, dinner at 7 PM and then awards and Ms. Strohfus. My wife and I have been working on the menu and it is shaping up to be another enjoyable evening.

Every year, I ask for your help getting door prizes and silent auction items- this year is no different. **Please make a copy of the letter on page 6 and take it with you as you stop by a few neighborhood businesses.** Ask for gift cards, oil changes a bottle of wine. Last year I was very, very surprised by the number of door prizes members brought the night of the banquet. Thanks to everyone who contributed!

If you have any questions, call me. 651.341.9264
Thanks again,
Pat "Hooligan" Halligan
Banquet Chairman for Life.

P. S. One last thought. If you have a real nice aviation book or framed aviation print that looks like new, that you no longer are using-it might make a good door prize. Let me know.





EAA Chapter 25 - Minneapolis

Date: August 20, 2009

To Whom It May Concern:

EAA Chapter 25 is a registered non-profit corporation with the State of Minnesota (Filing # F-615) and holds tax exempt status with the Internal Revenue Service as a 501(c) (3) charitable organization, ID #41-1444642, located at 5236 Shoreview Ave. So., Minneapolis, Minnesota 55417.

EAA Chapter 25's mission is to promote an understanding and awareness of the field of general aviation. Contributions made to EAA Chapter 25 allow us to conduct numerous community based activities in support of this mission.

Some examples of these activities include, but are not limited to:

- Annual scholarships for local High School students for use on aviation based college coursework. Three Thousand Dollars (\$3000.00) was awarded in 2009.
- Annual scholarship that pays for a local youth to attend EAA Air Academy in Oshkosh, Wisconsin.
- Free Young Eagles airplane rides for local youth (given on the 3rd Saturday of each month) at the Airlake Airport, Lakeville, Minnesota.

For additional information please visit our website at www.eaa25.org

Sincerely,

Craig Nelson, Secretary
EAA Chapter 25

Stuff for Sale/Wanted

For Sale: Cont. 0200--100hp, 350 SMOH. Eng Mount off 150G and clean prop, Elwood Kruger 612 812 8317 kruec1040@yahoo.com

For Sale: 2024-T3 Sheets; 1 ea. - .020 4'x12', .025 4'x12', .016 3'x13', .032 4'x4'. \$1, sq/ft. Also smaller pieces. Monel Pop Rivets \$.05 ea. Latches - Hartwell H4600, \$3 ea. Call Jim Mayer (952) 469-2347.

PROJECT FOR SALE: 2001 KITFOX LITE SQUARED (Kitfox Model IV Tri-Gear) - Factory-rigged wings, Airfoiled tail, Conventional cowling, Electric elevator trim, Strut fairings. No engine. Asking \$10,000.
Ben Adamowski - badamowski@comcast.net - 952 949-2186.

For Sale: POWER TOW 12v aircraft tug, rated to 4700 lbs. Rigged for Cherokee/Archer, cost \$1395 new, asking \$700.
952-929-8725, hhavir@nbs-inc.com - www.powertow.com

For Rent: Hangar space at Airlake. Lot 38G, sharing space with a Sonex and Stinson. \$200/mo. Call 651 423 4273 or email lisamadams@frontiernet.net

For Sale: 1948 Beech Bonanza 35. T.T.A.C. 2980, Engine 22 SMOH. Prop & all Accessories 22 since overhaul. New paint & leather interior. Tip tanks, dual controls, all new windows, cleveland brakes. Many mods. VFR radios. At KLVN. Asking \$48,000. Al Morphew 952-985-5910 612-961-1546

For Sale: 1973 Cessna 150L TTAF 3300, 700 SMOH. White w/blue stripe. Exterior 8/10, interior 8/10. Michael single Nav/Com radio, ModeC Xpndr. Fresh annual. Portable GPS included. \$18,000 firm, similar in trade-a-plane for 23-24. Gerald Mercier, gjmerci@aol.com 612/861-6921.

For Sale: 40' x44' hangar 32G at Airlake Airport. A/C building tools, many misc. parts. A/C oil & filter, welder/tanks, 1968 Cardinal wings & tail feathers. Call Phil & Betty Funk at 612-578-3017 for viewing.

For Sale: Hangar #30, 48'x50'—Winsted Municipal Airport 10D-40' Electric Bi-Fold door; Concrete floor; Mercury Vapor lighting; 11' x 13' Garage door. 320/834-2824 be35_33_captn@hotmail.com

For Rent: Heated hangar space at KMIC. Space has good lighting and use of microwave, refrigerator, bathroom, lounge, and hot/cold running water. Rent dependent on type of A/C or use. Space comes with resident AP, IA, EAA technical counselor, and A/C welder. Call 763-494-6993 evenings.

Wanted: I am working almost daily on my Fisher project. Down the road I will need some instruments. This will be a VFR setup. Engine will be a Subaru. Let me know if you have something I might be able to use. Contact philschaffer@usfamily.net

For Sale: RV-6/6A project in Burnsville—pre-punched empennage and wing kits are complete. Right wing is jigged with the skeleton and main skins clecoed in place. All parts primed. Includes elec trim, wing lndg lts and AOA kit. \$5000 for all, but am on furlough from Mesaba and willing to negotiate. Chad Tarara ctarara@comcast.net 952-956-4614

Final Call for Raffle Tickets

Just a reminder for those who haven't turned in their raffle tickets yet this year. We're a little behind last year and now in the home stretch to catch up by the banquet. Please send me your tickets or have them at this month's meeting on the 16th. I'll even take them in at the banquet on October 4th for the procrastinators in the group...

Thanks, Andy H.




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Chapter Events and Fly-Ins

Sep 16th Chapter Meeting at Airlake
Grill on at 6, meeting starts at 7pm
(see page 3 for directions)

Sep 19th 9am Young Eagle Rally
Contact Bill Brown for current info.

Oct 4th Annual Awards Banquet,
Eagan Community Center

Future meetings 10/4, 10/21, 11/18, 12/16,
1/20, 2/17, 3/17, 4/21, 5/19, 6/16, 7/21, 8/18

Sep 12 Superior Wi (SUV) 730-11
Fly-in bkfst

Sep 12 Blue Earth Mn (SBV)
4-7:30pm Grilled pork fly-in
507/526-7264

Sep 13 Maple Lk Mn (MGG)
1130-2p Pork Chop fly-in
763/670-6021

Sep 13 New Ulm Mn (ULM) 7a-1p
Pancake fly-in 507/354-6080

Sep 12 Baudette Mn (BDE) 8-12p
Fly-in bkfst 701-317-0232

Sep 18-19 Faribault Mn (FBL)
Airfest & balloon rally
Pancakes Sat 612/618-5883

Sep 19 Hutchinson Mn (HCD)
MN 99's fly-out 952/955-2802

Sep 19 Grand Rapids Mn (GPZ)
8a-noon Fly-in bkfst
218/328-5852

Sep 19 Crookston Mn (CKN) 8-1p
Fly-in bkfst 612-202-8264

Sep 20 Mora Mn (JMR) 10a-2p
Chili fly-in 11a-2p 320/679-3515

Sep 20 Thief River Falls Mn (TVF)
8a-1p Fly-in bkfst 218/681-5585

Sep 20 Eau Claire Wi (EAU) 9-1p
Chili fly-in (715) 877-2406

Sep 20 Hector Mn (1D6) 730-1230
Fly-in bkfst 320-848-2745

Sep 23-24 Flying Cloud Mn (FCM)
Northern Exposure Aviation Expo
Kristi Stengl (952)941-6255

Sep 26 Bowstring Mn (9Y0) 10a-2p
Chili & dogs fly-in 218/832-3567

Oct 3 Park Rapids Mn (PKD)
10a-2p Fall colors fly-in
angie@parkrapidsaviation.com

Oct 17 Le Sueur Mn (12Y)
MN 99's fly-out 952/955-2802

Nov 21 Litchfield Mn (KUF)
MN 99's fly-out 952/955-2802

Dec 12 Anoka Mn (ANE)
MN 99's fly-out 952/955-2802

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Directions to October 4 Banquet

The Eagan
Community Center
is located on Cen-
tral Parkway. As
shown on the map,
you can enter from
either Yankee Doo-
dle Road or Pilot
Knob Road.



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