

WINTERMAIL

EAA CHAPTER 25

MINNEAPOLIS / ST PAUL, MN

FEBRUARY 2009

Zodiac 601XL



**Project Visit
February 18th
At Pat Hoyt's**

(Continued on page 4)



Oliver A. Rosto & Duluth One

FIRST FEARLESS FLIGHT REMEMBERED

Duluth One - The Beginning of Duluth's Aviation History

Duluth One started bravely from the ice on the lake on February 26, 1913. Near the immediate vicinity of Third Avenue *(Continued on page 5)*



*Oliver Andre Rosto will be inducted into the
Minnesota Aviation Hall of Fame on May 2, 2009*

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Koser's Comments



Reflecting on last month's meeting, I think we'd all agree that Darrel Bolduc provided a lot of useful information on winter engine treatment, and answered a plethora of questions. His expertise and advice were appreciated.

I'm sure we're all looking forward to checking out Pat Hoyt's construction project this month, and we appreciate the invitation to meet at Pat & Mary's home. Check out the map to Pat's home in this issue. Regarding

the map, Pat says: "If you look on Google's "Street View", our house is the tan one with the old blue Mercedes diesel in the driveway."

Airplane construction is something that not everyone wants to attempt, but those of us who have had the experience recall the feelings one gets following certain milestones like: completion of wing structures, completion of enough of fuselage to sit in and make airplane noises, first start without oil leaks, certification (whew!), and finally, first flight. There's no substitute for that feeling you get when the vibrations of wheels disappear as you leave the ground on that first climb-out.

As March approaches, we can look forward to the chili feed on the 7th (with a board meeting to follow). The date of the chili feed reminds us that it's been seven years since we first acquired our hangar in March of 2002. Please bring your favorite chili for all to try. Others might bring chips, salad, dessert, etc. The chapter will furnish coffee.

For the March chapter meeting, we'll have a Plans Night, so if you're working on an airplane or have completed one, please bring your plans for all to check out. We'll have tables set up around the building so you can show your plans and construction photos, and answer questions. (Please email me in advance if you're bringing plans so we'd know how much table space to set up.)

If members have ideas of interest for future meetings, please let me know. I'd mentioned last month that I'd like to have one of the Light Sport airplanes and CFI come to talk about that area of interest. Also, our May meeting will likely be in Eden Prairie at Rosemount's pavilion, then on to the FCM tower. Craig is still working on those plans.

We've heard from Dan Jackson (Chapter 25 scholarship awardee) on his success at completing his check-ride for the Private Pilot. In Dan's **(Continued on page 8)**

ON FINAL



Minneapolis/St. Paul

Visit our website at eaa25.org

President

John Koser 952-831-5142
jfkoser@comcast.net

Vice President

Andy Hutchinson 952-758-9703
achutch@bevcomm.net

Secretary

Craig Nelson 952-949-0400
c.s.nelson@msn.com

Treasurer

Kris Olson 651-675-6826
ksimpson2@yahoo.com

Membership Coordinator

Ron Oehler 952-894-2332
r.oehler@comcast.net

Newsletter Editor

Pete Gavin 612-866-6676
petegavin@comcast.net

Young Eagle Coordinator

Bill Brown 612-269-2868
shelties@charter.net

Technical Counselors

Bob Eckstein* 763-494-6993
Peter Denny 763-529-5325
peterthepilot_99@yahoo.com

* also flight advisor

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This Month: Wed Feb 18th—Pat Hoyt's—6:30 pm

Pat will provide sloppy joes

Please bring chips, treats, or beverages to share

Program: Pat and Mary Hoyt are hosting a project tour of their Zodiac 601XL at their home in Eagan. See the map on page 4 and directions below.

Sat Feb 21st—Young Eagles at Airlake 9am

Contact Bill Brown for more info.

Sat Mar 7th—Annual Chili Feed, Chapter Hangar-11am

Bring your best chili to share-crackers, cheese etc too.

Directions to Pat's house in Eagan: Driving directions to 1620 Blackhawk Lake Dr, Eagan, MN 55122, From Lakeville, MN: (see map on page 4)

North on I-35E to "Pilot Knob Rd". Turn left (North) onto Pilot Knob Rd for about 1/3 mile, and turn left (West) onto Yankee Doodle Road.

West on Yankee Doodle to the 2nd traffic light, and turn left onto "Federal Dr".

Follow Federal Drive for exacty 1 mile (Federal Drive will make an S turn, and it will get narrower). Take a left onto "Blackhawk Lake Drive" (you will also see a stone sign on the left that says "Blackhawk Shores"). We are the 5th house on the right.

Note that there are 2 streets named "Blackhawk Lake Drive". You want the second one (NOT the one that say's "Blackhawk Ridge")



EAA Chapter 25 Meeting Minutes

January 21, 2009

Presiding Officer: John Koser

Location: Bert Sisler Aviation Education Center at Airlake

Business meeting discussions

The following guests were introduced:

Jim Luger Andrew Klosinski

Jon Cumpston, Nametag Chairman for Life, reminded members to wear their nametags. See Jon if you would like to order a permanent tag for \$7.50.

We are always looking for interesting stories for our website (EAA25.org). If you have a project update or have a story to share, please send it to Jeff Coffey for posting.

The EAA Chapter 25 Yahoo Discussion group is a great way to communicate to our members at large. We only have about 50 members on the list. Please join by visiting our website and clicking on the sign up link in the upper right corner.

Contact Pete Gavin if you would like to get on the distribution list to get our chapter newsletter via email. You will save the chapter about \$1 per newsletter in publishing and mailing costs. Members are encouraged to make this transition over the next year. Starting in January of 2010, the newsletter will only be distributed via email.

This month's Young Eagles rally was cancelled due to poor weather. A Scout Troop is signed up for the February rally. We are always looking for more kids to fly. Please talk it up with friends and co-workers who have kids or are involved with Scout Troups.

A treasurer's report was circulated. At meeting time our cash balance is \$9237.

The Chapter Board has agreed that the Chapter should pursue a general policy of devoting 50% of our income to community youth related activities such as scholarships and sponsoring kids to EAA Air Academy. Speaking of the later, it is time to start looking for Air Academy candidates. Contact John Schmidt if you know of any kids who might be interested.

Member news:

David Maib has completed flight testing of his RV10. It is currently being painted prior to his planned move to Florida.

Lou Martin explained his experience of being pronounced dead by the VA. We are happy to report that they have jumped the gun with this announcement.

Harvey Havir has sold his Archer and has some left over aviation oil he would like to sell.

Dick Navratil is looking for a wood based project to take to Sun & Fun. He also indicated his Volmer Amphibian project is progressing nicely.

Jim Ladwig knows of an antique hangar at FCM that needs to move to a new location.

Future chapter activities:

We will visit Pat Hoyt's Zodiac 601 project for our February meeting.

Our annual Chili Feed is Saturday, March 7.

We plan to visit the FCM Control Tower for our May meeting.

Program

Darrell Bolduc talked about various engine care topics including proper cold weather procedures.

Submitted by Craig Nelson

Zodiac 601XL Project Visit (Continued from cover)

February 18, 2009 Meeting

John, we spoke briefly about possibly hosting a project visit / chapter meeting at our house in the next few months.

February 18th looks like it will work for Mary & I, and we'd be happy to have everyone come over.

I am building my Zodiac 601XL in my attached, heated 3 car garage. We'd have the house open and available to the group. We'll have a pot of sloppy joes ready, and would encourage folks to bring chips, treats, or beverages to share as well. :-)

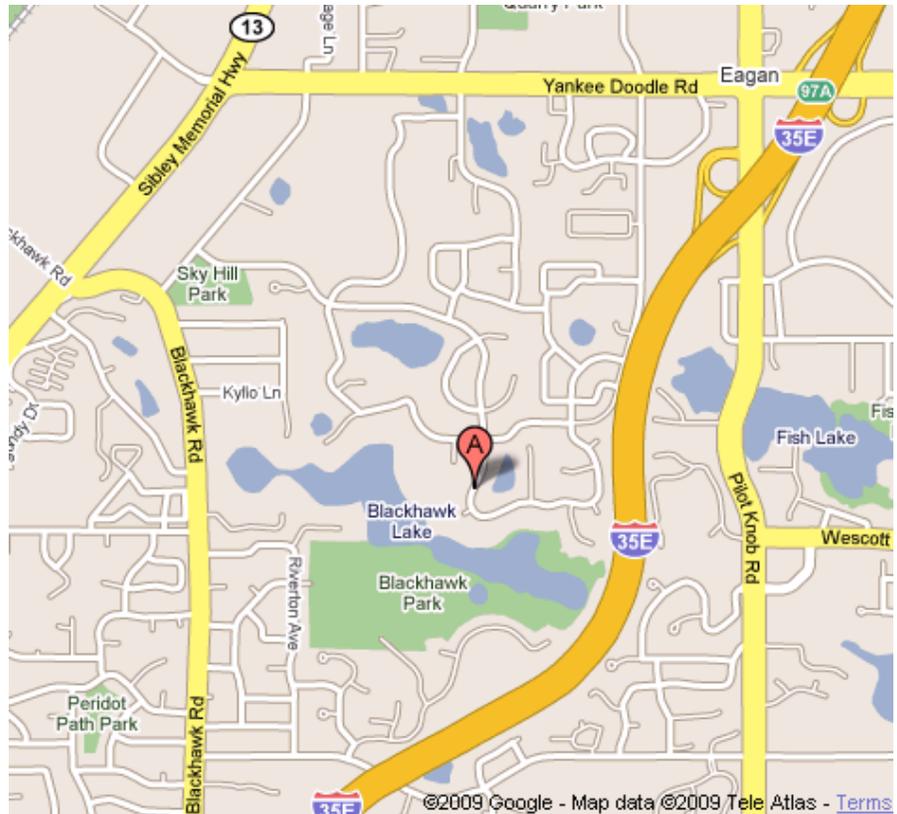
Pictures of the airplane project are here: <http://picasaweb.google.com/Patrick.Hoyt/PatsZodiac601XL#>

Pictures of the engine are here: <http://picasaweb.google.com/Patrick.Hoyt/PatsCorvaireEngine#>

Here is a map to our house at 1620 Blackhawk Lake Drive, Eagan, MN 55122 (651-688-7747):

If you look on Google's "Street View", our house is the tan one with the old blue Mercedes diesel in the driveway.

- Pat



1620 Blackhawk Lake Drive, Eagan, MN 55122



Oliver A. Rosto (From page 1)

East, pilot Rosto "rose like one of the early spring birds. He went for a quarter of a mile and the flying was fine, if rather cold." *Duluth Herald Feb. 27, 1913*

Oliver Andre Rosto is Duluth's first pilot and aircraft designer. Of Norwegian descent, Ole Augustinussen Rosto arrived in America aboard the RMS Celtic of the White Star Line. Just 21 years old, he entered the port of New York to pursue the promise of America. He settled in Duluth at 1012 East First Street, what is now St. Luke's Hospital, with his new name, Oliver Andre Rosto. He lived in Duluth from 1907 to 1917. He then went to Europe to train pilots for the war effort.

From 1907 to 1913, he designed and built the Rosto monoplane in the Duluth YMCA and the Duluth Auditorium. The monoplane was made with hickory, elm, silk, rubber, piano wire, and a Curtis 45 horsepower motor. Rosto is believed to be one of the first designers to cover an aircraft fuselage. The 1913 cost of the monoplane was \$1,500 or \$44,000 in current dollars.

During the winter of 1913, he successfully made 12 flights from skis off the frozen Duluth harbor and Lake Superior. There were no airports and the ice on St. Louis Bay and Lake Superior became his runway. His monoplane reached a speed of 40 mph and a height of 100 feet. He christened his monoplane *Duluth One* after his new country and home.

Rosto is an "Early Bird of Aviation", one of only 600 international pilots who flew before 1916. His pilot license is number 131.

He continued his aviation career after his war service. From 1922 to 1953, he worked for the Civil Aeronautics Administration. The dynamic new aircraft industry and economy needed organization and oversight.

In 1952, Rosto was decorated "The Civil Aeronautics Administration Medal for Distinguished Service to International Aviation". In 1954, he was awarded the "American Order of Merit" for his contributions to civil aviation. From 1930 to 1950, he was a member of the United States Air Force Reserve and retired a Colonel. He died at the age of 90 from a stroke.

The legacy of the Oliver Rosto and the *Duluth One* is a pioneering spirit, a visionary perspective, and a lifetime of achievement.

Duluth will celebrate Rosto's first flight on February 28 with a smorgasbord extravaganza at Sky Harbor Airport. See Fly-ins on page 8.



Note from Paul

From: "Rene Elliott" <relliott@eaa.org>
To: jfkoser@comcast.net
Sent: Sunday, February 1, 2009 2:50:11 PM GMT -06:00
US/Canada Central

Subject: Note from Paul Poberezny, EAA Founder

Note: This email is being sent by Paul Poberezny, typed by his assistant Rene. Please respond directly to Paul at ppoberezny@eaa.org. Thank you.

TO: JOHN KOSER, President, EAA Chapter 25

Dear John,

I just received EAA Chapter 25's newsletter and note that you are the new president. I would like to take this opportunity to welcome you on board your new duties. Being president is quite a learning experience as I have myself witnessed. I've learned more about people than I ever did about airplanes! They're a piece of work! Fortunately, most are wonderful. I note in your editorial you have some super goals - with more forthcoming. I'm sure the members enjoyed the article on the Boeing 40C. I had a good look at it at Oshkosh and over at the Antique Fly-In at Otumwa. It's always nice to know that the owner was a member of both EAA and the Antique Airplane Association.

I thought the photography tips by Peter Denny was outstanding and I'm going to pass it along to HQ to see how they can use through our newsletters or the magazines. Please give my very best to everyone in the chapter. We'll look forward to seeing many of them down here some weekend helping put the convention site back in order. With all the changes and improvements that are being made, every helping hand will be needed.

Sincerely,
Paul H. Poberezny
Founder
EAA
ppoberezny@eaa.org

MAHOF Aviation Scholarship Announcement

The *Minnesota Aviation Hall of Fame (MAHoF)* is pleased to announce the availability of two (2) scholarships to be awarded on May 2, 2009, at the 20th Annual MAHoF Induction Banquet. These scholarships will be awarded to individuals who are pursuing a career in the aviation industry. Each scholarship is \$500.

One scholarship will be awarded to an individual who will be graduating from high school in the Spring of 2009, or to an individual who is currently enrolled in a post-secondary aviation related program--i.e. college aviation program, flight training, aviation technical school, flight dispatcher school, et.al.

The second scholarship can be awarded to an individual who is enrolled in an aviation education class, or flight training, and who is still in secondary school.

Application Process

Please provide the following information on a separate sheet of paper (8-1/2 x 11): 1) Your full name, 2) Your current address, 3) Your telephone number, 4) The school or college that you are currently attending *and* the grade level. 5) Indicate the aviation related classes or flight training taken to date, 6) Parents/Guardians name(s), address, and telephone number(s), *and* 7) A brief statement (50 words or less) stating your aviation related goals and/or career objectives.

On a second sheet of paper please prepare and write an essay (250 to 300 words) in response to one of the following statements or questions:

- 1] The most significant changes that will occur in aviation during the next fifty years
- 2] The major challenges facing the aviation industry as we know it today
- 3] Why is aviation important to our country and our economy?
- 4] What is it about flying/aviation that appeals to you?

Please submit and mail your completed application to:

Timothy Barzen
MAHoF Scholarship Committee
5780 Lincoln Drive #105
Edina, MN 55435

Please Note: All applications must be received at the above address on or before February 28, 2009, in order to be considered. All applications should be presented on 8-1/2 x 11 paper and preferably typed. Applications will not be returned and are the property of MAHoF. Winners will be notified by March 15, 2009. Scholarships will be presented on May 2, 2009, at the MAHoF Banquet.

Grand Opening of Branson Airport Slated for May

from Frank Hanish

HOLLISTER, Mo. -- Eight miles south of Branson, construction is progressing on a \$113 million airport. Crews broke ground mid-summer, and are now working ahead of schedule. Trucks are cutting through the terrain to create the first privately funded and operated commercial airport in the United States in 40 years.

"We believe it's an opportunity for us to provide a needed service at a top level quality," said airport director Jeff Bourk. The airport is scheduled to open in May 2009.

The FIRST Annual Branson Air Show, which will set the stage for the grand opening of the [Branson Airport](#), takes place May 8-10, 2009! The country's top air show performers, including the [USAF Thunderbirds](#), [US Army Golden Knights](#), [Aeroshell Aerobatic Team](#),



[Manfred Radius](#), [Patty Wagstaff](#), [John Klatt](#) (Air National Guard) and many more, will provide stunning displays of aerial acrobatics at this must-see event. The show will also feature B-17, B-25, P-51 Mustang, Sea Fury, P-47 and Corsair static displays. For more info, email director@bransonairshow.com.



Stuff for Sale/Wanted

For Sale: DRDT-2 Rivet Dimpler and table, all for \$275. Dimpler alone is \$355 new. Other tools & equipment too. Moving to Florida, must sell asap. David Maib [dmaib@mac.com] 612-202-6309

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 Sale: ICON IC-A23 VHF Airband Transceiver still in box never used. \$275. Peter Denny 763/529-5325

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 Indg 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

For Sale: Homebuilt two place tandem. open cockpit, hi wing, 64TT, Eng. 0235C 1035TT Plane garaged 10 yrs Bldr deceased.

Starduster II fuselage & empennage

Amphibian, single place hull/fuselage modified Cub wings

Alum 6061T6 tubing 1.175"OD, .025 wall, 12 1/2' long, about 60 lengths

6 RC models, gas & electric engines, controls etc.

Pair of J-3 ailerons, J-3 fin, motor mount, pair of skis, radio, Lyc o'haul man.

PRICES ARE NEGOTIABLE-Make an offer!

Vivian Christianson vivchristi@gmail.com 763-559-2783

More Interesting Facts from Norm Tesmar

1. In English pubs, ale is ordered by pints and quarts... So in old England, when customers got unruly, the bartender would yell at them 'Mind your pints and quarts, and settle down.' It's where we get the phrase 'mind your P's and Q's'

2. Many years ago in England, pub frequenters had a whistle baked into the rim, or handle, of their ceramic cups. When they needed a refill, they used the whistle to get some service. 'Wet your whistle' is the phrase inspired by this practice.





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Chapter Events and Fly-Ins

Feb 18th 6:30 pm Project Visit to Pat Hoyt's (see p. 4 for directions)

Feb 21st 9am Young Eagles (Airlake)
Contact Bill Brown for current info.

Mar 7 Annual Chili Feed 11a-2p
Chapter Hangar Airlake

Future meetings 3/18, 4/15, 5/20, 6/17, 7/15, 8/19, 9/16, 10/21, 11/18, 12/16, 1/20, 2/17

Feb 14 Aitkin Mn (AIT) 11a to 3pm Feb 15, Ski Plane Fly-in, Chili, dogs, hot apple cider—free rose to ladies who fly in.
Jake Carlson 218-820-5114

Feb 28 Duluth Mn (DYT) 10a-3p Duluth One Aviation Winter Fest
Oliver Andre Rosto Smorgasbord Extravaganza. Free airplane rides for kids 8-17. 218/310-2333

Mar 7 Wisc. Rapids
UL & Sport Pilot Safety Seminar
Hotel Mead Conf Ctr 715/536-8828

Mar 16-17, 2009 St. Paul, Mn
Minnesota Aviation Maintenance Technician Conference,
Crowne Plaza St. Paul Riverfront, www.dot.state.mn.us/aero, 800/657-3922, ext. 7181.

May 2 2009 Bloomington Mn
Minnesota Aviation Hall of Fame. Ramada Hotel (old Thunderbird). Reservations

will be available starting in January. If you want your name added to the reservation mailing list, send an e-mail message with your name and address to: nallard@unitelc.com.
Make sure the subject line reads "Hall of Fame Mailing."

May 2-3 Anoka Mn (ANE) 10a 100th Anniversary of the 1909 Gnome Omega rotary engine
3 runs each day at 11am, 1 & 3pm.
651-291-7925 Steco1911@aol.com

June 21-27 Duluth Mn (KDYT)
41st annual Cessna 170 Assoc. Sky Harbor Airport.

July 18-19 Eden Prairie Mn (FCM)
MN Air Expo, www.wotn.org

July 19 Preston Mn (FKA) 7-12:30
Fillmore Co. Fly-in Breakfast
Kent Dornink 507/765-2582

July 27-Aug 2 2009 Oshkosh Wi Airventure 2009

Koser Comments (Continued from page 2)

email to Jon Cumpston, he says:

"So now I've finished my Private, and am moving on in my training. Monday I start working with a new instructor on commercial/instrument stuff, so that'll be a lot of fun. The 8th lesson in the course is the 250nm straight line cross country, and I'll be heading to Airlake for that. I'll give you more exact details when that time draws closer, but I'm going to skip that lesson and come back to it when it's nice outside, so late April to May is my best guess."

Maybe Dan will arrive on a Wednesday and be able to come to the Chapter meeting that day.

Hope to see everyone at Hoyt's home on the 18th.

-John



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