



# The Beacon

The newsletter of Chapter 54  
Lake Elmo, Minn.

JUNE 2013

## June 2013

THE NEXT PROGRAM WILL BE ON MONDAY

July 8, 2013

- **Regular Monthly Meeting**
- **7:00 PM, CHAPTER HOUSE, ENTRANCE B, LAKE ELMO AIRPORT 21D.**
- 



## Farnsworth School Lake Elmo Airport Visit by Leif Erickson

The 2013 Farnsworth Second Grade Hangar Tour is now history. The event was held Thursday, May 23. If a successful event could be described as one hundred 2<sup>nd</sup> graders with happy, smiley faces and a ton of curious questions, then day was a resounding success.

This year's tour featured three hangars for the kids to visit, a refreshment/treat stop, a display of radio control model airplanes, a display for airport maintenance equipment, and a J-3 Cub flight demo. The



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**Remember: Next Young Eagles is July 13, 2013, 9:00 AM. Looking for Ground Crew and Pilots**

south side hangar hosts were Beck Shipman, Dave Syverson, and Dan Bergstrom.

Becky cleverly demonstrated several aircraft structural elements, such as how a 90 degree bend in a sheet of aluminum will dramatically increase its bending strength. She displayed, and talked about, her Zenith building project. Next, Dave Syverson described different aircraft building materials and where they are used on his Kitfox. He also drew a chalk runway on his hangar apron. He had the kids hold out their arms to simulate a pair of wings, and fly a left traffic pattern for a perfect landing. Dan

Bergstrom mounted a compass of a model airplane and had the kids fly to three different make-believe airports, using only the compass for navigation. As far as I know, all the kids returned safely to the home airport.



Bettie Seitzer hosted the refreshment stop at the clubhouse. She supplied Land-O-Lakes' newest yogurt product for the kids to eat, while looking at all the model airplanes hanging from the ceiling.

Joe Harris and Brad displayed several vehicles on the ramp in front of the MAC building. Joe gave a brief description of each vehicle and how it is used to make the airport a safe place for airplanes to take off and land. He also reminded the kids that careers in aviation are not exclusively reserved for pilots. The kids got to sit in the big snow thrower truck and pretend they were clearing the runway

following a winter storm. Joe did a great job with the kids. He said it was a nice break from his usual administrative routine.



The SodBusters RC Flying Club, lead by Marv Sanderson and three of his model enthusiast buddies displayed an impressive collection of home-built models. Marv said the kids were very intrigued with the remote control retractable landing gear and cowl flaps on one is models.

The tour concluded with a live flight demonstration in a J-3 Cub by Paul Rankin. Paul, dressed in a leather jacket, leather helmet, large goggles, and a long white silk scarf, described what flying was like many years ago when pilots barnstormed the country, landing in farmer's fields and giving

rides. After the introduction, Paul hopped in the Cub and did a take-off, fly-by, and landing on runway 14. Very impressive since the wind was out of the north at about 15 knots with higher gusts. The Kids loved it. He received a big round of applause after landing and exiting the airplane.

### Farnsworth Tour Continued.

Even MAC participated in the activities for the Second Graders. Everyone loves big trucks and tractors.

After our long winter and delayed spring, it is comforting to see the blue skies and green grass.



The touring students learned plenty from the radio controlled airplanes on display. This was an educational event — look over the shoulder to see a thorough aerodynamics diagram.

The new pagoda at the airplane viewing area. Thanks to the crew who salvaged the lumber, cut, trimmed, assembled and stained the wood.





## FROM THE FLIGHT DECK (PRESIDENTS REPORT)

BY BETTIE SEITZER

June 2012

Hello flying friends! Sure has been an interesting spring; nice to finally see some warm weather coming our way.

I received a batch of fliers for Airventure this week; time to start planning for the best week of the year! I always enjoy the seminars at the FAA building – what a great way to get a weather refresher, airspace review, and safety studies. The daily air shows are so great to see – especially if you take the time to visit the Warbirds and see the planes up close. I have had some very interesting conversations with the owners of some of those planes – you never know who you'll meet just walking around and saying hi to folks polishing their planes!

The fly-in theater always has a great line-up of aviation related films – this year they are offering a preview of “Planes” the new Disney Pixar film – looks to be very entertaining!

Last year Jeff collected the names and cell phone numbers of folks planning trips to OshKosh so that we could be in touch while we were there if we wanted to be.

It is time to get plans in place for our Aviation Day. There are two planning meetings scheduled. We need to have all of the team leaders get together to make sure that we have got the details planned and know who is doing what. We also need to inventory the food and supplies to be sure that we have an accurate shopping list!

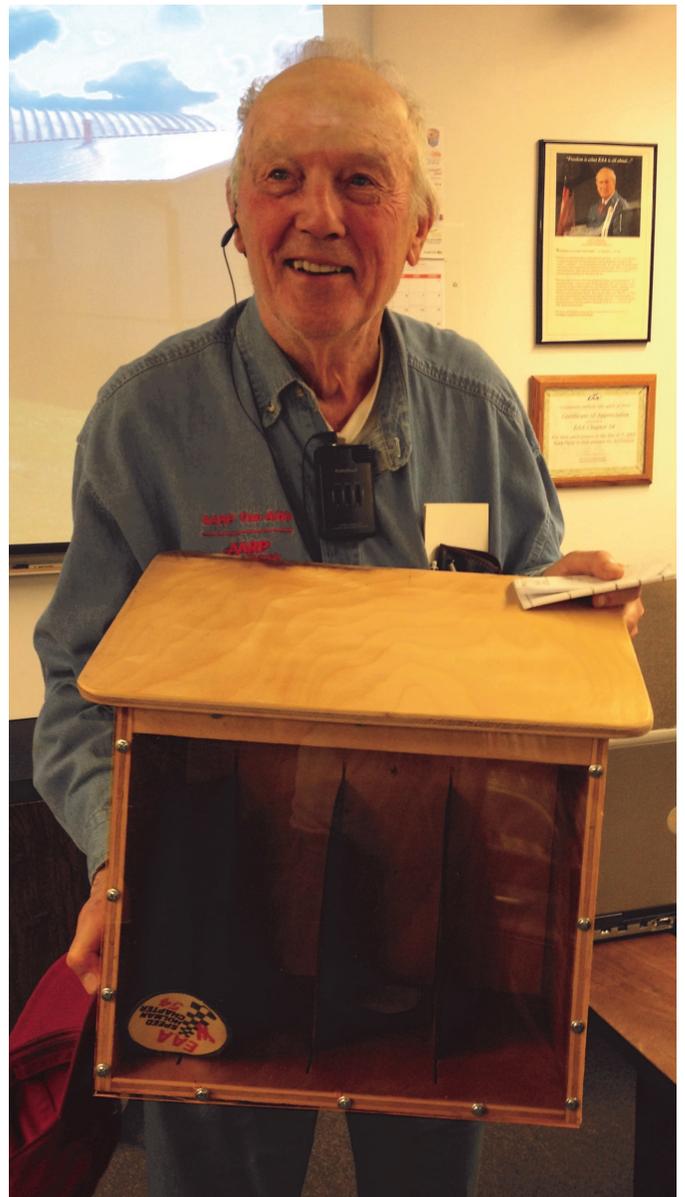
Have you heard about the whooping crane migration project? There is a group based in Wisconsin that has been using ultralights to lead a small group of whooping cranes on their migration. This project has brought the birds back from the brink of extinction and is considered very successful. Operation Migration had been given a temporary waiver from the FAA that will expire April 20, 2014. The exemption allowed the group to use planes and pay pilots which would've been in violation of FAA regulations. The group has received donations and will be purchasing new planes; all of the pilots must also complete their private pilot's license. The project started with registered ultralight pilots and then progressed to sport pilots. The FAA has worked with the group to make sure that the project can continue their work and comply with regulations.

We are also planning a fall picnic, last year's picnic was a lot of fun and we all agreed that we should do that again!

See you at the July meeting!

Bettie Seitzer.

**“FREE, TAKE ONE!”** Norm Weston has built a little library for aviation related magazines and books that will be available at the airplane viewing area.





## June Chapter Meeting Special Guest Speaker: Paul Randall

Topic: Touring Motor Gliders (TMG). Paul has been flying since 1962, recently flying gliders. He described the motorglider and specifically Pipistrel Sinus Demo flying. Most TMG are IFR certified and some have oxygen. They are very expensive—about the same price as a light sport aircraft- \$100,000 to \$200,000.

Need a glider license to operate a powered glider. [www.Pipistrel-usa.com](http://www.Pipistrel-usa.com). The advantage is that a person who is not a pilot could get a motor glider license in less time, no medical exam is needed and they are not limited like LSA pilots are. They have retractable gear and inflight adjustable props.

Gliders have a specific formula of weight to wing area that defines a motorglider, 35 foot span vs. 50 foot wing span. The Pipistrel motor glider has 50 foot wingspan and does not have folding wings.

Can be built as a quick build kit. Motor gliders are in the Utility category, loops spins and rolls ok. Continued on page 7

### Pilots Lounge

**For Sale:** 60' x 48' Hanger, 54' door, small office, bathroom, well, holding tank, natural gas heat, 18' high ceiling, and 5HP compressor. Call Jim Michalski at 612-618-1011 or see all of this at 13C Alfa Lane at the Lake Elmo Airport (21D)

Dale Seitzer 651 329 2229 or Barb Leiter

**For Sale:** Hangar on 21D for sale -- \$45,000. Recently painted siding and roof. 35 x 75 feet with two 45 foot doors, electric openers, electricity and natural gas, two insulated workshop / office rooms, above floor storage, Contact Chip Andrews 651 248 9708

**For Sale: Instruments** VDO Volt 2 inch \$20, VDO Oil Pressure 2 Inch, \$20, VDO Oil Temp 2 Inch \$20, VDO Coolant Temp (2) \$20 each, Westech Tachometer 3 Inch \$40, Falcon Vertical Speed Indicator 3 Inch \$50, Ram Mount, 1 Base, 1 Extender Connector, 1 Handheld Radio Mount \$20 Garmin 295 Dash top Mount \$15, No senders included Dale Seitzer dalemseitzer@yahoo.com

**For Sale:** Challenger I \$7,000, Rotax 503 DIDC, electric start, wood prop, EIS, 5x5 Azuza wheels and brakes less than 10 hours, built by Gil Leiter. Contact

**For Rent:** Share 40 x 40 foot insulated hangar with manual door, electricity, concrete floor, Dalemseitzer@yahoo.com \$150 per month.



## Tailwinds Flying Club Welcomes New Members

Tailwinds Flying Partnership is based at Lake Elmo airport, 21D, in Lake Elmo, MN. We are a non-profit corporation of 38 pilots who equally own three aircraft. Our goal and philosophy are to fly great airplanes inexpensively. We strive for consistency in equipment among our three airplanes. We currently have a Cirrus SR20, Archer II and a Cherokee Six.



## Chapter 54 Meeting Minutes

June 10, 2013

### EAA Chapter 54 June 2013 Meeting Minutes

June 10, 2013

President, Bettie Seitzer called the meeting to order, Dale Seitzer, Secretary were officers in attendance – a total of 22 people attended. Visitors at the meeting included Scott Hanson who is a new member of the Tailwinds Airplane club and Jack Miller, who is rebuilding a Pietenpol airplane.

#### Business Meeting

Secretaries Report: No minutes because we had the annual member picnic.

Treasurers Report: The complete Treasurers report is available in the Members Only Section. A motion to approve was made, seconded and approved unanimously.

#### New Business

Rainbow Aviation is offering LSA Maintenance training. 16 hours of training so pilots can do some I inspections and maintenance on a LSA aircraft. Anyone who is interested should contact Bettie at [President@eaa54.org](mailto:President@eaa54.org).

July 13, 2013 is the next Young Eagle event. Volunteers are always welcome—even if this is your first time, we will provide training and assistance.

Dave Fibiger Al Kupferschmidt and crew built a pergola over the viewing area, thanks to Dan Bergstrom who all new hinges were placed on the benches too.

End of July we will have work party to work on the landscaping.

A few boards need to be replaced on the clubhouse deck and then staining of the entire deck is needed. The pergola is brown stained. The deck is redwood stain. We are looking for a volunteer to do the staining of the deck. We also need gravel edge around the concrete slab on the airplane viewing area that will make it easier for the mowers.

June 29 and July 13 are the planning dates for the August 11, 2013 Aviation Day (Pancake Breakfast) so put the date on your calendar now.

August 17, 2013 Fall Picnic for members, their families and guests.

Norm Weston built a Little Library for the airplane viewing area for aviation magazines and books, "Take one, free." Will be painted and installed for the public to share.

Next meeting is July 8, 2013

Fly in at Menomonie Air fest Autorama,  
June 21 and 22

#### Old Business

Pedal Plane kit needs an owner to finish it.

Newsletter Editor—Dale Seitzer: Please send articles and pictures and anything aviation and member related. Send to [newsletter@eaa54.org](mailto:newsletter@eaa54.org). The new plan for the newsletter is to release the newsletter right after the meeting to make it more meaningful. Officers, Board members and other members should submit sooner than later.

We also still need a champion for the sign at the airport.



## Young Eagle Events are a Hit!

EAA54 held a Young Eagles event on Saturday, June 8th. There was a window of decent weather and the guys flew 23 kids. We received a thank you note from a parent and thought you might like to see it.

*EAA54,*

*It was nice meeting you at the young eagles flight this past Saturday morning. I just wanted to thank you and the crew there at EAA54 for organizing such a wonderful event for the kids.*

*My two boys Connor and Matthew said it was a great experience, and really thought it was awesome! They have been sharing photos and stories about their flight with all their friends.*

*This experience has really sparked an interest with Connor my oldest. I will look through the packet of information that the boys brought home, and hopefully will be back for another ride next year.*

*Please pass along our thanks to the whole crew there!! Everyone was so nice. It was a great experience!*

*Amy Boland*

Young Eagles meet at the Lake Elmo Airport at 9am on the second Saturday of each month from May through October. Kids from ages 8-17 are eligible for a ride.

If you're interested in volunteering or observing stop at the airport or let me know.

Future Young Eagle dates are:

July 13

August 10

September 14



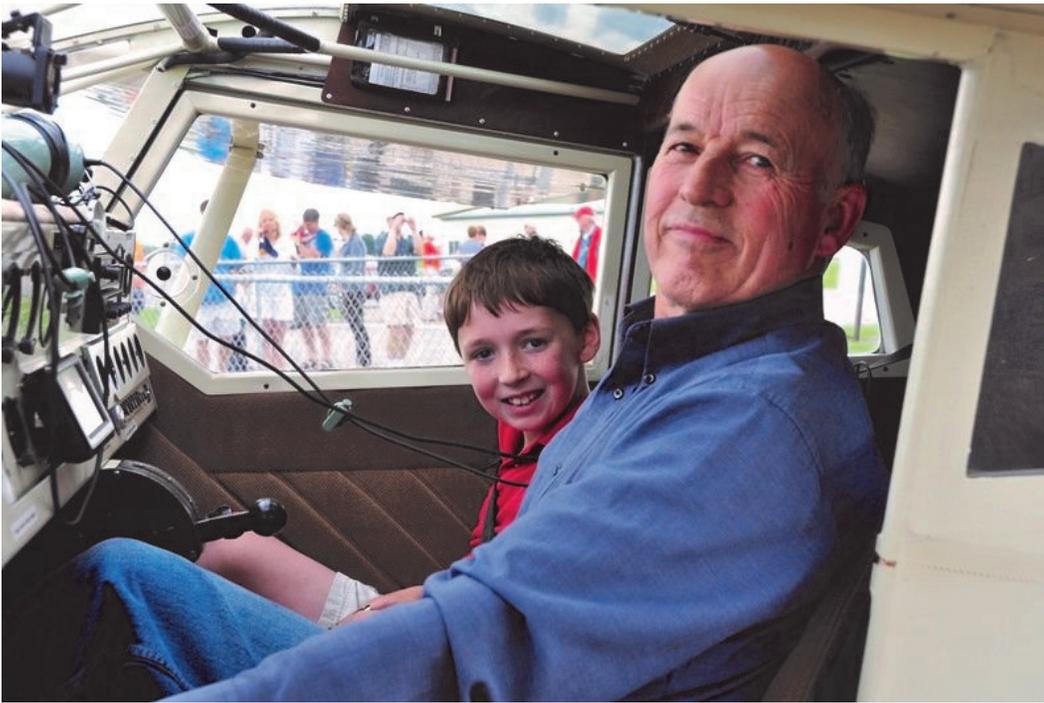
**Continued from page 5.** 80 hp Rotax about 35 mpg, 94 mph, 30 hours round trip New Richmond to Sun and Fun. The short wing tricycle gear averaged 115 mph on same trip in 2012. Paul reported the planes can soar but he does not turn the engine off when he is going cross country.

To fly gliders, an endorsement is required, need to be certified for the type of take off you will use, auto tow, aero tow and self launch. At least 10 hours for a current licensed pilot to be glider. Oral and practical test if already a pilot, additional written test if one does not have a pilot's license.

Motor glider pilots can solo at age 14, it takes less hours, may self certify medical, and can use in flight adjustable prop. There is a FAA rule to define a motor glider, one insurance company for all gliders so there are standards for coverage.

Condor is a computer program to fly gliders in a simulation to practice glider flying almost anywhere in the world using simulations of the terrain. The historical accident data similar to riding a motorcycle, thus dependant on the skills and judgement of the pilot.



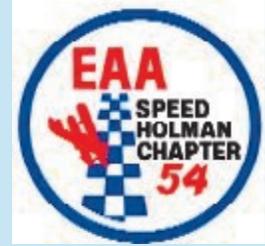


Dan Bergstrom with a happy Young Eagle in a fine Tailwind.

## EAA CHAPTER 54 TREASURER'S REPORT *BY PAUL RANKIN*

*EDITORS NOTE: AS DISCUSSED AT A RECENT BOARD OF DIRECTORS MEETING, THE TREASURER'S REPORT WILL NOW BE ON OUR WEBSITE AT [WWW.EAA54.ORG/MEMBERSONLY](http://WWW.EAA54.ORG/MEMBERSONLY)*

I was out flying and happened on a fire at a horse barn just north of Highway 36. DS



## Chapter 54 Directory

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Chapter Historian: Jeff Hove

Chapter members meet on the second Monday of every month at the Chapter House, Entrance B at Lake Elmo Airport (21D). The House is at the base of the airport beacon. The newsletter is published about a week after the meeting..