



The Beacon

The newsletter of Chapter 54
Lake Elmo, Minn.

MARCH 2013

March 2013

THIS MARCH PROGRAM WILL BE ON

MONDAY April 8, 2013

- **SOCIAL HOUR STARTING AT 7:00PM.**
- **MEETING AT 7:30 PM, CHAPTER HOUSE, ENTRANCE B, LAKE ELMO AIRPORT 21D.**
- **AT THE NEXT CHAPTER MEETING:
To Be Determined**

Speaker BIO

INSIDE THIS ISSUE:

SPEAKER REPORT	1
PRESIDENT'S REPORT	4
CHAPTER DIRECTORY	9
TWIN PINES FLYIN REPORT	5
MEETING MINUTES	7

Why is this man smiling?

By Billie Rankin

This man is smiling because he knows how to make your 50 year airplane have features of the newest airplane available. Hiroshi Takeuchi was our guest speaker at the last chapter meeting and a packed house heard his practical advise and saw the latest in every man's cockpit.



The speaker spoke about EFB, Electronic Flight Bag, a way to use portable computers to reduce weight in the airplane, re-

duce costs and be a useful supplemental navigational tool. Although not designed for airplane navigation, the iPad is a fantastic

tool. The use of the iPad as a supplemental navigation tool was discussed at length. The primary use of an iPad in aviation is as a navigational aid tool, not to plan a flight. It was emphasized to use other navigation methods as well as the iPad. He is an advocate for technology but felt legally bound to tell members do not solely rely on the iPad for all your navigational needs.



**U.S. Department
of Transportation**
Federal Aviation
Administration

Advisory Circular

Subject: Guidelines for the Certification, Airworthiness, and Operational Use of Electronic Flight Bags

Date: 6/1/12

AC No: 120-76B

Initiated by: AFS-400

Change:

1. PURPOSE. This joint Flight Standards Service (AFS) and Aircraft Certification Service (AIR) advisory circular (AC) contains guidance on the operational use of Electronic Flight Bags (EFB). It is intended for all operators conducting flight operations under Title 14 of the Code of Federal Regulations (14 CFR) part 121, 125, 135, or 91 subpart F (part 91F) and part 91 subpart K (part 91K) who want to replace required paper information with an EFB. This AC sets forth an acceptable means, but not the only means, to obtain Federal Aviation Administration (FAA) authorization for the operational use of EFBs. Part 91 operators can find additional EFB information in the current edition of AC 91-78, Use of Class 1 or Class 2 Electronic Flight Bag (EFB). For guidance on the installation of EFB components, refer to the current edition of AC 20-173, Installation of Electronic Flight Bag Components.

One of the strongest software applications for aviation navigation is Foreflight. The program was demonstrated to members. Some features of Foreflight include: the ability to see the entire country for VFR nationwide charts; program your flight route, get suggested routes and get information on routes to avoid; get avgas prices for all airports, but no auto fuel prices available; information for multiple airplanes can be programmed and saved; use iPad keyboard to input data rather than using scratch paper; Doppler radar weather information for the entire nation can be seen live; calculations of how much fuel you will use on a flight can be obtained. Foreflight does have a version for the iPhone, a nice backup if your iPad falters!



Private Pilot Ground School Valters Aviation

Class beginning Thursday April 18 at 6:00PM and Classes continue every Monday and Thursday evening and end on June 6 2013

Upon completion of the class you will be endorsed by a Certified Flight Instructor to take the FAA Private Pilot Written Test.

To Register Contact Valters Aviation

3275 Manning Ave N.

Lake Elmo MN 55423

651 777 1399 <http://www.valtersaviation.com/valtersaviation/>





FROM THE FLIGHT DECK (PRESIDENTS REPORT)

BY BETTIE SEITZER

Hi fellow fliers! Spring is starting to show itself, and not a minute too soon! Chapter 54 has some great events in the coming months.

Our observation area started with the simple idea that it would be great to have a nice place to sit and watch airplanes take off and land. With the help of volunteers, and an eagle scout, the idea became a reality. The viewing area has gotten good use, we can be proud of this positive addition to 21D. But –it is about to get better!

At our March meeting Dave Fiebiger told me that he is ready to go with the construction of the Pergola over the viewing area! Last fall Dave and Al helped with the removal of a large cedar deck, they saved the material and Dave has spent the last couple of months, cleaning and cutting all the pieces needed to complete the project.

Step one will be digging the holes for the footings. If you have an auger that can be used to dig the holes, please get in touch with Dave so that we can schedule the workday. Once the footings are in, we will schedule a day for assembly of the pergola; just like the clubhouse addition, Dave has the plan and all the pieces cut and ready to assemble – it will go together easily and quickly – we just need volunteers with hand tools and a morning to help out!

Preparations for Aviation Day have begun, a few of the committee chairs have been identified, I just need a couple more volunteers to pitch it with the planning process. We always get plenty of helpers on the day of the event, but it will only go smoothly if the planning steps are done. Let me know what you would like to help with!

Our May meeting will once a gain be a picnic, last's year's event was a big success! I am looking forward to a lovely May evening on the deck. If you have ideas for entertainment, let me know. Several folks have mentioned that it would be fun to have a couple of planes out for inspection and viewing – consider whether you would be willing to bring yours out.

If your plane was put away for the winter, it is time to get ready for flying, consider getting assistance with the inspection and readiness preparations, great to have a second pair of eyes looking things over. There is a lot of expertise in our chapter, and plenty of folks ready to pitch in to make sure that we are all safe in the air.

Happy Flying!

Bettie



Twin Pine Fly-in at Garrison, MN Saturday March 2, 2013.

A very nice fly-in was held on the morning of Saturday March 2 on Mille Lacs Lake near Garrison, MN. Friday, March 1 was the last day to remove the ice fishing houses from the lake surface, so Saturday morning the ice road in front of the Twin Pines Resort became a "ice runway". The weather on Saturday morning was perfect for winter flying.... cold, calm, clear and smooth. Below is the Tailwind with a warm cowl blanket.



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)

Deluxe Hanger For Sale: 40 X 50 with 44 X 11 Door Fully carpeted, insulated, gas unit heater with S.S. flue, electric baseboards, F.G. ceiling, textured walls, some attic platform storage, attic trusses are reinforced and double "X" braced. Wall ventilator with humidistat, two season wall vents, tool room with shelves & sep-

arate thermostat. Screened storage above. LAV room with single tub, cistern & storage above. Holding tank. Coffee room 4' above floor with finished storage below. Completely finished with A.C. and large hanger view window. Anderson perma-shield casement window. Door 2 3/4 S.C. Oak with steel frame. Includes furniture, microwave, refrigerator, coffee bar cabinets with Formica. Main floor windows have jail bars. Perimeter has rock border & ramp is flared. There is an electric aircraft winch and a custom oak work bench as well as a desk and a glazed book cabinet. Price is \$64,900 Firm Plus any MAC fees. NORM DUPRE 651-439-7688



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.

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: 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 Dale Seitzer 651 329 2229 or Barb Leiter

For Sale: VDO Volt 2 inch	\$20	VDO Oil Pressure 2 Inc	\$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 Rent: Share 40 x 40 foot insulated hangar with manual door, electricity, concrete floor, Dalemseitzer@yahoo.com \$150 per month.

21D Airport Brief Notices

(Twin Pines Flyin Continued)

A number of EAA Chapter 54 guys attended along with many other Metro area pilots. By the time the last airplane landed, we had 55 planes on the lake....it was sort of like a car show only with airplanes. Twin Pines Resort across the road served breakfast to about 200 people. Good times and food for all !

As you can see from the photos, people and planes were dressed warm against the cold morning temperatures of around +15 degrees.



Fairchild with Continental Engine Above and the Twin Pines to the right

A special thanks to Jerry Chapman for putting the word out to Chapter 54 members about the fly-in.

Dan Bergstrom





Chapter 54 Meeting Minutes

March 11, 2013

EAA Chapter 54 March 2013 Meeting Minutes — Provided by Billie Rankin

President Bettie Seitzer called the meeting to order; Vice President, Jim Pearsall; Paul Rankin, Treasurer were officers in attendance – a total of 36 people attended. Guests included Nate, Lisa and Tyler, Flight Instructors at Valters Aviation. Guests introduced themselves and were welcomed by the members present.

Business Meeting

Secretaries Report: Motion to accept the minutes as published in the newsletter was made and seconded. There was no discussion, then voted and approved by the members.

Treasurers Report: Paul Rankin gave a summary report.

New Business

Valters Aviation Private Pilot Ground School will begin April 18, 2013. The 7 week program will be held on Monday and Thursday evenings from 6:00PM to 9:30PM. Cost: \$200 class fee plus a kit fee. Students passing the final test and get signed off to take the FAA exam will get a \$200 refund, which will be put on account to fly Valters airplanes. To sign up call Valters Aviation 651-777-1399. Class will be held at Valters Aviation, 3275 Manning Road N, Lake Elmo, MN 55042

Valters Aviation will be getting a new a light sport airplane, Pipistrel AlphaTrainer, rent \$95/hr. They will be also have a Cessna 120 for tail wheel training, \$85/hr. Flyers will be left at the chapter clubhouse with more information.



A name tag for chapter members to wear during monthly chapter meeting was discussed. A motion was made and seconded, then voted and approved by the members. The chapter will furnish the supplies needed to make the name tags, Billie Rankin and Gordon Duke volunteered to make the name tags.

Dave Fiebiger needs a power auger for post hole digging for a chapter project. If you have any information, contact Dave.

Next meeting is April 8, 2013. The website has the wrong April meeting date of April 15.

Old Business

Chairpersons for each position for Aviation Day are still being filled. Leif Erickson volunteered to be head cook and head of logistics. The Volunteer Coordinator position has been filled.



Twin Pines Fly In, lake runway, long, smooth and slippery ice. Mille Lacs is a very large lake.



Chapter 54 Directory

President
Bettie Seitzer
president@eaa54.org

Vice President
Jim Pearsall
vicepresident@eaa54.org

Treasurer
Paul Rankin
treasurer@eaa54.org

Secretary/Class IV Director
Dale Seitzer
secretary@eaa54.org

Education Director
Rob Barros
education@eaa54.org

Events Director
Jim Pearsall
events@eaa54.org

Housing Director
Dave Fiebiger
housing@eaa54.org

Membership Director

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

FAA Halts Man's Drone Photography Business Over Regulations

Although the Federal Aviation Administration (FAA) was tasked last year to open up airspace for more private and commercial use of unmanned aerial vehicles, or drones, these new rules and regulations are not quite there yet. In fact, the drone fleet of one Minnesota business was recently grounded because the FAA isn't slated to begin issuing commercial permits for UAVs until 2015.

Earlier this month, [NBC reported aerial photographer Mark Bateson](#) pointing out that many hobbyists can get away with UAV photography or videography under remote-control guidelines. "But as soon as you turn it into a business ... the FAA says you are violating the national airspace," Bateson said.

According to WCCO, [this is exactly what happened to Charles Eide and Mike Danielson](#) of Brooklyn Park, Minn. The pair flew RC aircraft growing up in the same neighborhood together and in adulthood shared a love of photography and videography. This is where they combined the two with [Fly Boys Aerial Cinematography](#), putting cameras on their drones and taking aerial photos of anything a customer might need.

"It helps sell houses, which is really in my opinion a huge economic impact in the Twin Cities — helps houses move faster," Eide told WCCO. Business was doing well until recently when they were contacted by the FAA, which said they were violating regulations by flying in "Class B" airspace, or that which is in populated areas near major airports. Eide said they rarely fly above 200 feet and never near airports. A [recent drone sighting by a pilot](#) near an airport in New York City resulted in an investigation being launched by the FBI earlier this month.