

The Beacon

The newsletter of Chapter 54
Lake Elmo, Minn.

October 2022



21D RCO 118.625 COM 122.8 AWOS 120.075 Elev. 1932'
Runways **4-22** (2497' x 75') **14-32** (2850' x 75')

Chapter House, South Airport Entrance at the Beacon

Chapter Meetings 2nd Monday of Each Month

7:00pm social 7:30pm Meeting

Ch.54 Phone# 651-515-3464

www.eaa54.org

Who's currently who in Ch.54:

President: Leif Erickson
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Treasurer: Tom Gibbons
treasurer@eaa54.org

Secretary: Ed Trudeau
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Education Dir: Gregg Adler
education@eaa54.org

Housing Dir: Dan Bergstrom
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Membership Dir: Jim Pearsall
membership@eaa54.org

Young Eagles Dir: Vicky Moore
youngeagles@eaa54.org

Newsletter Ed: Marlon Gunderson
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Directors, Class2: Tim Reberg,
Paul Hove, Bill Schanks Jr.

Social Media: Bruce Olson
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From the Flight Deck (Leif Erickson)



Airports are more than places where airplanes takeoff and land

Ray Aviation Scholarship

I have been a member of EAA and Chapter 54 since 1999.

During those 23 years, I cannot recall anyone inquiring about a Ray Aviation Scholarship. Now we have two, and possibly three candidates. Here is a link to the EAA website to learn about the scholarship program, [Ray Aviation Scholarship | EAA](#).

The Scholarship is funded by a \$1.2 Million Ray Scholarship Fund and administered by EAA Chapters. It provides up to \$10,000 for eligible and qualified youth to pay for their flight training expenses.

To participate, the first step for Chapter 54 is to appoint a Ray Aviation Scholarship Coordinator. I am proud to announce that Bruce Olson



has stepped up to accept the appointment. His role will be to administer the program, its deadlines, and financial disbursements as various training benchmarks are achieved by the scholarship recipient. Bruce is a loyal Young Eagles pilot and Chapter 54's Facebook specialist.

For Chapter 54, our first task will be to apply for Chapter eligibility. The application window for eligibility will be from November 1, 2022, to January 1, 2023. Scholar application window is from March 2, 2023, to October 31, 2023.

Sodbusters RC Flying club and Young Eagles

Following their Young Eagles flight, each recipient receives a list of “What’s Next” resources. The purpose is to capitalize of the interest and excitement that Young Eagles, and their parents, have about aviation by providing a list of activities and resources to pursue and nurture this new-found enthusiasm.

One of the first questions the parents ask is about an aviation ground school course. They do not realize that a ground school course is a very technical test-prep course to prepare for the FAA Written Knowledge exam. It is not just a happy, feel-good course for a aspiring aviator to learn how to control and fly an airplane.

For many of the kids, a more realistic way to nurture that interest is by learning to fly a radio-controlled airplane. Thus chapter 54 is partnering with the Sodbusters RC Club to provide an introduction to RC flying.

The Sodbusters president Robert Zarracima (aka Z) has invited Chapter 54 members and Young Eagle flight recipients to an open-house type event at their flying field following the October 10 Young Eagles Rally. The open house will run roughly from 8:30 to around noon. They will also fire up their grill and provide their “usual frankfurter cuisine”. Here is a [bing map link](#) showing directions to their flying field from 21D.

In addition to providing the YE with an intro to RC flying, the Sodbusters will also have a display and demonstration of amazing new technology utilized in RC aircraft that will be of interest chapter 54 members. These include drone aircraft, 3D aerobatics, turbine engines that burn JP-5 jet fuel, electronic-ducted fan jets, new fixed wing prop aircraft, and helicopters.

Is learning to fly an RC aircraft a valuable experience for someone that eventually wants to transition into flying an airplane from inside the cockpit? Which one requires more skill? Which one may be harder to learn? Which one will be more expensive to learn? Remember, when flying an RC airplane, the aileron controls are reversed when the airplane is flying away from the pilot as compared to when it is flying towards the pilot. But first, the pilot on the ground must determine if the airplane is flying

away or towards the pilot. Hmmm, ... for a moment that would make me stop and think.

Finally, after learning to fly RC aircraft, the next step is building an aircraft. I wonder if any skills learned in building an RC airplane may be valuable to a future EAA member?

Chapter 54 Elections

Class II Directors are up for election this year for a two-year term. The terms will commence at the close of the November 2022 Membership meetings and end at the adjournment of the November 2024 Membership meeting.

Our candidates thus far are incumbents Paul Hove and Bill Schanks. Jay Schrankler has volunteered to be a candidate to replace Tim Reberg. Tim is leaving the board. Thank you, Tim, for your service to Chapter 45 for the past two years.

At the October Member Gathering, I will open the floor for additional nominations. At the conclusion of the November Gathering I will open the special “Membership Meeting”. Two items are on the agenda,

- open the floor for nominations ... a second time,
- hold a voice-vote to formally elect the candidates.

Please make a special effort to attend the November meeting.

Chapter Fund Raising Activities

Post COVID, Chapter 54 needs to host fund-raising activities. I am looking for suggestions from our members. What is your idea? Something new? Something different? Something that has been successful at other organizations? Please contact me, or any board member, with your suggestions.

So far, I have received only two suggestions. Host:

- another corn feed event (the last corn feed was back in 2019),
- a scaled-down fly-in/drive-in pancake breakfast (the last pancake breakfast was in 2018).

Leif E.

From the Right Seat (Robyn Stoller)

EAA 54 Exciting Programs Coming Up!

What a wonderful year our chapter has enjoyed! We've had great educational programs, fun social events and fly-outs, a raft of motivated new members joining us and hugely successful Young Eagle rallies to inspire the next generation of pilots and aviation enthusiasts. Thank you EVERYONE for making 2022 such a successful year for our chapter. And we're not done with 2022...more inspiring programs are on tap for the remainder of this year.

Plan to join our **October 10 monthly gathering** at 7:30 p.m. when an aviation rock star (my words), Antonio Rodriguez, will present on "Awareness and Prevention of Stalls and Spins". This program is eligible for FAA Wings credit and will touch on angle of attack, recognition of approaching a stall and how/why an airplane spins.

Antonio's resume is amazing. He's an ATP, CFI, CFII and MEI who started flying in 1991 and earned his initial CFI in gliders in 1993. He flew over 13 years in the US Air Force as an instructor in the C-5 Galaxy, C-21 Learjet, T-37 Tweet and T-6 Texan II. He has flown Part 121 and currently flies Part 135 as an Instructor and Check Airman. Previously Antonio was Senior Manager for Operations and Engineering in Supply Chain for Target Corporation and also was an Adjunct Professor at University of Thomas

teaching Lean / Six Sigma in the Masters of Engineering curriculum.

He will be happy to answer any of your questions on stall and spin prevention, as well as answer questions on his Air Force flying experiences. We are very pleased to have Antonio join us October 10 and hope you can attend!

At our November 14 monthly gathering at 7:30 p.m., we welcome Joshua Fisher as program speaker. His ratings include ATP-AMEL, Comm-ASEL/ASES, CFII and type ratings for CL-65, B-737, B-757 and B-767 aircraft. His presentation, "Putting Fuel Mismanagement to Bed" will focus on how fuel exhaustion and fuel starvation results in approximately 50 GA accidents per year and how pilots can take a multi-faceted yet simple approach to finally running this grim statistic itself, out of gas!

Our December 12 monthly gathering will be tons of FUN! We're having a holiday pizza party. It will be a byob event and members can bring their favorite holiday cookies and desserts to share. We look forward to seeing you at one or all of our remaining 2022 events!



Summer Chapter Meetings

The July 11th meeting this summer featured a 6pm dinner of sub sandwiches, chips, cookies, and soda on the deck and in the clubhouse followed by Jim Pearsall's 7:30pm interactive presentation of fun and new things to expect

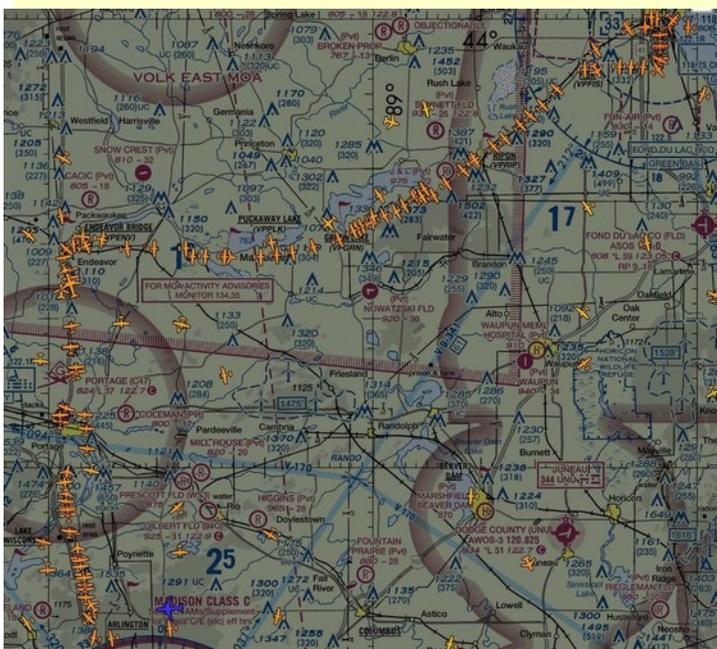
at Airventure 2022 for those making the flight or the trek to the airshow this year.



Vicky Moore also spoke about the Young Eagles events for the season, those already held, and those yet to be held.



The August 8th meeting this summer featured a 6:30pm ice cream social followed by a 7pm program with Anika Hovland, Bill Schanks, Marlon Gunderson, and Jay Schrankler sharing some of their experiences, pictures, and/or impressions from their recently completed visits to Airventure 2022 in Oshkosh. Anika was the Chapter's 2022 Air Academy scholarship winner and she described her experiences and activities there, which included some aircraft construction activities and some flying time. Bill and Marlon shared some photos and stories of their time at the show, and Jay described some of the new technology showing up, including related to electric flight and unleaded fuels.



Chapter 54 base at Camp Scholler.



Canards parked at OSH.

RV's streaming in for their 50 year celebration.



The new RV15 Taildragger



Departing OSH on Rwy 27



The September 12th meeting featured a talk by Dave Syverson about his experience diagnosing an engine problem in his Rotax 912ULS powered Kitfox leading to the engine's eventual replacement. Dave noticed a significantly increasing resistance to turning the prop by hand after flight, an increased resistance that was not observed when the engine was cool. He measured the higher torque required to turn the crank and compared with specifications and noted that his engine was increasing over time towards the maximum allowed. He learned that his engine was in a range of serial numbers for that engine model that was found to have a problem with crankcase fretting, a wearing of the mating surfaces of the crankcase, that over time leads to misalignment/compression of crank bearings/bushings leading to excessive friction on the crankshaft. Unfortunately the engine was past warranty and a repair would cost as much as a new engine. Dave opted for replacing the engine with a new one. The new engine was scarce due to supply chain issues, so he jumped on the first one he found available at LEAF in Wisconsin. Many of the accessories and fittings had changed on the newer engine, so Dave had to get creative to get the new engine installed. Dave shared some of the tools and techniques he devised to get around some of the more challenging tasks.



Other Goings On

Runway Reopening

The much anticipated opening of our new relocated and lengthened (2850' to 3500') Runway 14/32 was accomplished on schedule this summer by the MAC. The crosswind runway closed in mid-June for intersection work with the new primary runway and on July 20th the crosswind runway reopened and traffic shifted from the old primary runway to the new runway. A middle section of taxiway was still under construction at the time of reopening so a ~1000' back-taxi was required to get to the departure end of Rwy 32 the latter half of summer, but that last piece of taxiway just opened in early October, eliminating the need to back taxi. Robyn introduces the new runway, below, on July 17th.



The Metropolitan Airport Commission hosted a Runway reopening and ribbon cutting ceremony on August 17th at Elmo Aero with remarks from MAC CEO Brian Ryks, MAC Chairman Rick King, and Washington County Commissioner Gary Kriesel. Below is 21D airport manager Phil Tiedeman, right, with Dag and Leighton of Elmo Aero, on July 17th.



Available Pavements - October 5, 2022

Lake Elmo Airport
Lake Elmo, MN



Young Eagles

The October 8th YE rally was a success with excellent weather and four pilots (Bruce Olson, John Reginald, John Schmidt, and Don Wishard) providing over twenty rides. Thanks to all who volunteered their time and energy this summer!



Fly Outs

A big thanks to Bill Schanks, who organized numerous flyout opportunities this summer, coordinating departures from Lake Elmo to flight events in outstate Minnesota and Wisconsin. Here are some photos from some of these, and a few other summer destinations for members.

Glencoe, Saturday September 3, 7 aircraft, 11 participants



Isle, July 10th, PIC Paul Rankin



Dan Bergstrom's Tailwind at the 2022 Antique Airplane Fly-in at Blakesburg, Iowa. Below that, sunrise over Forest Lake.



Fleming Airport upgrade

For anyone heading all the way down to SGS, you will find they have refurbished their runway...

SEPTEMBER 2, 2022



South St. Paul Municipal Airport

CONSTRUCTION NEWSLETTER: WEEK 5



Support your FBO at their upcoming Open House!

LAKE ELMO

AERO

OPEN HOUSE: SATURDAY OCTOBER 15
FROM: 12PM-4PM
LOCATED AT: 3275 MANNING AVE N,
LAKE ELMO, MN 55042

Join us for our open house
Celebrating 4 years in business!

- Food trucks
- Bouncy Slide
- Prizes
- Aircraft Displays
- Meet our instructors

FOOD TRUCK PRIZE DRAWING BOUNCY HOUSE

CONTACT US: 651-777-1399 Info@LakeElmoAero.com

Hobos Champ ¼ share for sale



Bellanca Champion. 870 hours on 115 HP Lycoming. 7AC but flies like a 7EC. New cover in 2020, Annual in July 2022. Looks great, Flies great: Cruise 90 MPH on 5 Gallons/hour. Quarter share \$4500 \$80/month \$50/hour wet. Based at 21D. Great time builder, lowest cost factory airplane to operate. Gregg Adler 651-998-1977 greggjadler@gmail.com

LEACC / RAAC

Lake Elmo Airport Advisory Commission Meeting (Robyn Stoller)

The Lake Elmo Airport Advisory Commission third 2022 quarterly meeting was cancelled this year in lieu of celebration activities surrounding the reopening of the realigned and lengthened runway 14/32.

Reliever Airport Advisory Commission Meeting (Marlon Gunderson)

The Fall RAAC meeting was held on Tuesday, September 13 at the MAC office building on KSTP Holman Field that houses Holman's Table.

The program began with big thanks to the long tenured retiring Holman Field tenant representative Glen Weibel and an introduction of his replacement, Phil Martineau, a KSTP tenant since 1999, 17 year member of the EAA board, and a charter Cirrus investor.

MAC stakeholder events coordinator Abby Kes then summarized summer reliever airport public events that included a public presentation of the FCM improvement plans at a 'Discover Flying Cloud' day, Crystal's Father's day Fly In, Airlake's Pan-O-Prog pancake breakfast and Fly In (which had 3000 attendees!), Flying Cloud Air Expo, and the Lake Elmo Airport Runway Opening ceremony in August.

The reliever airport managers summarized activities at each of their airports, which for Phil Tiedeman at Lake Elmo included opening of Rwy 14/32, ongoing taxiway development towards eliminating the back taxi required for Rwy 32 departure (which completed in early October), and installation of PAPIs and REILs in coordination with the FAA.

Reliever Airports Manager Joe Harris noted that new rising airport manager Rob Dockery will take over management of Airlake and Crystal airports from Blaine Peterson and Mike Wilson who will each then be able to reduce their management responsibilities to their larger airports at Flying Cloud and Holman Field, respectively.

I inquired as to when we might expect an FAA certified IFR approach to the new Lake Elmo 14/32 runway and the answer was that it will be developed in 2023. Currently aircraft can be vectored to 21D but a visual approach is required for landing; IFR departures are allowed.

From the Bank Vault (Treasurer Tom Gibbons)

With the addition of PayPal to our website many of you have submitted your chapter dues that way which is wonderful. The problem is sometimes I have no clue if it was for membership or donation or the new donation towards the Young Eagles Dardis Scholarship. Although, thinking about it, when you do hit that membership button I do notice it shows membership as the payment. Problem is sometimes some have family memberships and some add at times \$10 more for a donation so it gets confusing. When you do the PayPal membership and want to donate please indicate in the notes area. I have to assume that if it's \$35 under the membership that would mean a family membership. Speaking of family memberships, I have had some confusion where both people are chapter members and when updating the Chapter Roster I have to update both people upon payment, then the other spouse sends a payment too so then what? Well usually I just add another year towards their chapter membership unless they want a refund which is rare. Remember, two different EAA#'s!

Also on membership, we have a date that is posted in the Chapter Roster on when you joined the chapter so your renewal will be up on that date. If you renew late and all of sudden see another renewal it's because you went beyond that date. I can only go off that date. Also, we do purge or make members not active when payment is way beyond their date.

Let's get to checks and cash!

Please, please always indicate on the memo line what your payment is for! I get many checks from companies or different people other than the member and have no idea where they should be applied.

Cash is fine gang, just please put it in an envelope, which there is a supply at the clubhouse, and maybe put a post it note or some sort of message on it to indicate where it is going.

That's about it and I thank you for your cooperation on this matter, I just want to get your money to the correct area you want it for. Some of the various options we have presently for your much appreciated donation are below. Thank you letters of your donation will be either emailed or sent to you for your tax purposes.

- 1.) General Donation- To help the chapter with the various costs.
- 2.) Stan Dardis Air Academy Scholarship - Send a young member each year to the Air Academy
- 3.) Education Donation - This has always been a normal donation if not indicated to help with the overall costs of the programs we sponsor. Usually we send a check each year to the Farnsworth Magnet School so they can bring a bunch of kids to AirVenture.

Thank you again! Tom Gibbons EAA Chapter 54 Treasurer