



LAKE IN THE HILLS, ILLINOIS

Winds Aloft

EAA Chapter 790

Lake in the Hills, Illinois

790.eaachapter.org

April 2022

From Matt Van Bergen, Chapter 790 President

2022 is off to a nice start for our chapter. Before I even talk about upcoming chapter news, I first want to thank Ole Sindberg for being our speaker at our last member meeting in March. At least for me, I learn something about Ole every time I get the opportunity to have a conversation with him and this presentation really filled in some gaps for me and I even learned that Ole is a movie star. I had no idea! Second, I want to thank Pete Thompson (and I think Lynn will be helping too!) for volunteering to head up the chapter newsletter. This is no small task to take on. Pete and Lynn are new members, they joined in July-2021. They are building an RV-14A. If you want to write a newsletter article for the newsletter, please reach out to Pete and coordinate timing, etc. Thank you Pete and Lynn!



The weather has not been all that great for flying so I hope all of the builders out there have made good progress on their projects (my build...not so much!). We are still trying to get a fly out to work out weatherwise. One of the things we discussed at our last board meeting was to include an alternate day in case we get weathered out. We decided if we did, we would reschedule for the following Saturday. I think it's a great idea that was proposed by Paul Ranieri and let's hope the weather gods cooperate. Be on the lookout for an email from Paul and if you can fly or want to be a passenger, be sure to reply to Paul's email.

We also have our first Young Eagles rally of the year coming up on Saturday, May 7th. This year we will be doing the rallies at the Schaumburg Airport (06C). The last time I checked, we had nearly 140 kids registered which means we are going to need a healthy number of volunteers: pilots + airplanes and ground support. Please contact me if you are planning to volunteer so that we can start planning how we might be able to get through all of those kids. It will be a fun event, let's just hope for good weather!



Continued...The officers and board have decided to skip our annual pancake breakfast again this year. As you all know the logistics at Lake in the Hills just does not support the pancake breakfast fly in that we had typically hosted in the past. We explored doing our pancake breakfast the last Sunday of June at Schaumburg's airport, but EAA Chapter 153 is doing their Father's Day Pancake breakfast (which is great), so obviously having a pancake breakfast the week after would not work. I do encourage you all to support 153 by attending their event. We have a couple other fundraising ideas that we are exploring, one of which is a 50/50 raffle at each of our young eagles rallies and the other being a chapter auction. We will have more details as they emerge on both of these events. Hopefully, someday we can get back to doing a Pancake Breakfast fly in too.

Can't wait to see you all at our next member event, be it a member meeting, a fly out, Young Eagles rally or something else! **Matt**



Chapter 790 Silver Award

The involvement and efforts of our members has been recognized! Matt was informed this week that Chapter 790 will be a recipient of the EAA Silver Award for the combined 2020-2021 years.

Fly-Out Scheduling

Upcoming fly-outs will be on the third Saturday of the month. In case of a weather cancelation, they will be rescheduled to the following Saturday. Watch your email for future fly-outs.

Upcoming Events

Fly-Out	Saturday, April 16 at 0900 (Rain date April 23)	Janesville Airport
Chapter Meeting	Tuesday, April 26	Lake in the Hills
Young Eagles Event	Saturday, May 7	Schaumburg Airport
Directors Meeting	Tuesday, June 7	



Night Air Show Oshkosh 2021



ANNUAL BANQUET

2021 Service Awards



Matt Van Bergen



Ole Sindberg



Dave Stokes



Mike Petrie



Paul Ranieri



Megan Pranczke



Tom Solar



Frank Logalbo



Lon Danek



Brad DeLisle

From Our Members

Randy Sweet's RV-12iS



Sophistication is a way to describe the project Randy Sweet first undertook in only April of last year. His twelve months of effort have yielded him an aircraft that is only a month or two from completion. Working primarily alone and spending hours each day poring over the detailed instruction manual is not without its ups and downs, but the aircraft has wings on, sitting on its gear, engine and prop mounted, canopy on, avionics installed and tested. Just add oil and fuel. Well, almost.

After having moved his project in February from his garage to his deluxe heated hangar at Galt Airport, Randy's current project is finishing up the cowling. Anyone who's ever built an airplane knows that the cowling takes five times as long to complete as one would think it should.

Randy's next effort will be prop, spinner and pitot tube. The pitot tube on the RV-12 is mounted so it passes through the center of the spinner. It gets to do this because the engine's gearbox has a hollow drive gear and prop shaft that is offset from the engine's crankshaft, allowing the tube to pass through them. The pitot tube is actually screwed into a mounting block bolted to the aft side of the gearbox, a rather nifty idea.



The RV-12iS is equipped with the venerable Rotax 912 and a three-speed ground-adjustable prop. There is no mixture control on a 912; the engine automatically compensates for altitude. The panel is mostly Dynon gear with a pair of Skyview displays flanking a Garmin comm radio. What's interesting about an E-LSA aircraft is that no deviations whatsoever from plans is allowed except for a very few items; some solid rivets may be substituted for pop rivets and the use of an oil drain valve instead of the oil plug. That's about it. However, what each builder has at the end is an aircraft with known flight characteristics and performance.

Randy is dedicated to a regular work schedule and is using his project management skills to maintain swift progress. He is also taking advantage of the EAA's technical counselor program that has been useful in getting questions answered and having regular progress inspections. Coming up soon and already scheduled is Randy's DAR for the sign-off inspection. Thus, the next update on Randy's project will likely occur after taxi tests. If we're lucky, Randy will tell us about his project at one of our meetings.

Mike Perkins



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