



The Monthly Newsletter for Experimental Aircraft Association Chapter 1541, Lincoln, California

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On the Horizon: Calendar of Events

For the most up-to-date information, go to the chapter website: <http://eaa1541.org/>

Date	Topic
December 2021	<p>Note: no 3rd Wednesday December chapter meeting. Happy Holidays!</p> 
Saturday, Dec. 18 8:00 – 10:00 a.m.	Third Saturday of the month pancake breakfast held in conjunction with KLHM Display Day
Thursday January 6, 2022 7 – 8 pm	Online IMC/VMC Club meeting with FAA Wings credit. All are invited to participate.
Sat. January 8, 2022	Pancake breakfast at hangar S-12, KLHM

EAA CHAPTER 1541 INFORMATION

Meetings	Usually the third Wednesday of each month held at KLHM Hangar S-12. Details available on the website
E-mail	eaa1541@gmail.com
Website	http://eaa1541.org
Mailing Address	EAA chapter 1541, PO Box 1126, Lincoln, CA 95648
Chapter Hangar	Hangar S-12, Lincoln Airport
President	Darren Coomler
Vice President	Dan Masys
Secretary/Treasurer	Jim Hughes
Chapter Board of Directors	Paul Darbo Christina Duran Michael Lagomarsino Ray McNaught Bruce Robinson Scott Thompson Scott Whelan Mary Wick
Webmaster	Dug Smith dug@dugbert.com
Newsletter and Tech Counselor	Dan Masys dmasys2@gmail.com
Membership	Chapter dues: \$20 per year for individuals; \$30 for families; \$300 for gold



President's Corner



Welcome Chapter 1541 Members and Friends,

Well, 2021 is close to the end. What a year! With year starting out with all of the unknowns related to the COVID virus and the inability of the chapter to meet in person, we are now to a point where we have had several face-to-face events. It's been great being able visit with many of you and getting caught up on how you're doing. The chapter this year has bucked the trend of many other EAA chapters to stay active during the pandemic, using ways other than meeting in the hangar. The use of virtual meetings has seemed to keep us all in touch. The chapter was also active in awarding another national Ray Scholarship and two \$500 locally-funded scholarships to the Ray Scholarship runner ups. Along with the chapter surviving the challenges of the pandemic the chapter has grown: our last member count was just under 150 members.

The chapter Board has recognized the reasons many new people have joined the chapter, we believe it's what the chapter delivers, from the quality IMC/VMC meetings that chapter members Dan Masys and Scott Thompson have been presenting, along with the fine breakfasts, monthly meeting presentations, Young Eagle flights, and the flight simulators to mention a

few. Most of all the thing that makes a chapter work is you, participating in monthly activities and just visiting with other members. Thank you.

Looking forward, some of the new events we are planning include a "get to know the person" pilot & plane event. This will be basically a chapter walk around the airport visiting members who have planes at their hangars, to familiarize yourself with the pilot and the plane. As the year progresses, we may consider an Airport Fun Day; we have had these in the past with great response and appreciation from the surrounding community. We are also going to focus on activities that younger member can participate in.

The chapter will also continue with its ongoing fundraising efforts to purchase a permanent home for our meetings. We currently rent the hanger we meet in and would like to purchase it if we can. The chapter was not able to secure a venue for a Christmas party this year, but we are still working to have an event in early January for all of us to meet, TBD. Stay tuned for further information.

As we are approaching the New Year it time to renew your membership for 2022. If you joined the chapter in October or later you are still good for 2022. For all the rest of you, please go online to the chapter website, eaa1541.org click on the "Join Us" tab and you can renew there. You can also renew at any of the chapter hanger meetings.

In closing, I would like to send out a special thanks to all of you for your participation and best wishes for this holiday season see you soon.

Sincerely
Darren



Ray Scholar Update



Kaden Kusick, our chapter's newest Ray Scholar, writes:

Hi there Lincoln EAA chapter1541!
So far Mary [Kaden's flight instructor, Mary Wick] and I have gone through the 4 basics, turns to headings, slow flight, power on and off stalls, steep turns, S turns, turns around a point, radio communications, preflight, trimming, taxi, and descents with and without flaps!

I'm having a little trouble with doing some of the instructions that are asked of me because I get caught up thinking about what I need to remember to do next time and what I should be doing in the future, that I'm not completely understanding what is being asked of me in that moment, but I will keep working through it and come out on top! The picture seen above was taken after I completed a preflight checklist!

Kaden Kusick

Project Corner

All chapter members are invited and encouraged to take a few minutes and send us a photo and description of whatever project you are working on now or have recently

completed. Send your text and photo(s) to eea1541@gmail.com. Fun and education for everyone!

Tech Counselor **Dan Masys** writes:

In the spirit of "once a project, always a project" I was noticing that my RV-10's 14-year-old Garmin SL40, functioning as Com 2 in the radio stack, was getting weak reception and losing functionality such as not having an effective volume control knob.



RV-10 panel with SL40 Com2 in middle of the center stack.

I also noticed that minimum charges for bench testing a Garmin avionics unit and doing any out of warranty repair work are approaching or even exceeding the value of the unit. (Lemme see, do you think that might be by design?)

With the writing on the wall, and always looking around for a useful upgrade, I opted to pull the SL40 and its tray out of the stack, and replace it with a new Garmin GTR 200 transceiver from Aircraft Spruce.



The only connections the new unit needed were the external antenna, power, ground, and five wires going to the audio panel. Fabricating a

new wiring harness was made relatively simple by the fact that during the original build, I had positioned in-line connectors (DB9 or DB25 computer connectors, to be exact) in between all avionics in the stack and all other units. So it was only necessary to terminate the new wiring in a DB9 connector that matched the pinouts of the original wiring. A side benefit of just keeping the old unit, its tray and its wiring, is that it can simply and easily be re-installed if needed. (ie., nothing about the old radio, its tray, or wiring harness was altered in installing the new one.)

A bonus of having the new unit is that it has a 10 watt transmitter vs. 8 watts for the old one, and a much more informative digital display e.g., when monitoring two frequencies at once, it shows which one is receiving a transmission at the moment.

A minor annoyance was that Garmin radio trays apparently now are just a smidge wider than they used to be. The standard 6.25 inch width has now become 6.30" – just enough that new trays won't slide easily into stacks of older radios without some creativity with a flat file to make the opening a bit wider. Luckily the height of the GTR200 is the same as the SL40 (even though the Garmin specs say it isn't!) so neither the GNS480 navigator above the radio or the GTX330ES transponder below it had to be moved.

Oh, and the new unit works great. :)

Dan Masys

Jay Schumacher writes:

I'm looking for a partner in my Sonex. If anyone is interested please contact me at jskydvr@gmail.com

Jay Schumacher
916-677-9817



2009 SONEX WAIEX \$30,000 AVAILABLE FOR ½ Partnership N78YX

The engine is a Jabiru 2200 with 485 hrs TT. Complete logs included. Avionics: MGL Stratomaster Ultra Horizon XL, Becker Mode C Transponder, com radio, Garmin 296, dual stick and rudder. Last Condition Inspection, April 2021. Always hangared.



Sightings

A Christmas classic that seemingly never grows old:

