



Runway 15



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
Saturday, February 24 11 am – 1 pm	BBQ lunch and program Designing and Building the Timber Tiger Speaker: Glenn Gordon
Thursday, Mar. 7, 2024 7-8 pm	Online IMC/VMC club meeting. FAA Wings credit available. Link to join will be sent via e-mail to chapter members.
Saturday, Mar. 9 8 –10 am	Second Saturday Pancake Breakfast at the EAA hangar
Saturday, Mar. 16, 2024	KLHM Vintage Aircraft Display day 8:00 a.m. – noon main ramp
Saturday, Mar. 23 2024	BBQ lunch and program 11 am – 1 pm

EAA CHAPTER 1541 INFORMATION

Meetings	Usually the second and fourth Saturdays of each month held at KLHM Hangar S-12. Details available on the website.
E-mail	eea1541@gmail.com
Website	https://eaa1541.org
Mailing Address	EAA chapter 1541, PO Box 1126, Lincoln, CA 95648
Chapter Hangar	Hangar S-12, Lincoln Airport
President	Scott Thompson
Vice President	Cheryl Andrade
Secretary	Jim Hughes
Treasurer	Scott Whelan
Chapter Board of Directors	Paul Darbo Penny Mach Lesa McArdle Jeremy Preece
Membership	Chapter dues: \$30 per year for individuals and families; \$300 for gold



President's Corner



Greetings for the month of February. Winter is upon us, but spring is coming soon. For us in Northern California, the difference is usually negligible, but there it is. We have some nice flying weather here and there, broken by spells of not-so-nice weather. Still, our chapter hangar is relatively watertight and we are able to press on with a variety of chapter activities.

Speaking of hangars, we are making some incremental improvements in the hangar that you may notice in the next few weeks. Some informational boards are going up on the interior of the hangar doors to help dress the place up a bit. And, as noted elsewhere in this newsletter, our

reinvigorated chapter Lending Library is almost ready for prime time. Just little things that make things just a bit nicer for our chapter.

As expressed in a recent email to the chapter members, I'll take this opportunity to stress the availability of some EAA leadership training opportunities, specifically the EAA Boot Camp offered to current and potential chapter leaders. There is an in-person, day-long Boot Camp offered on Saturday, March 17, at Livermore that several of our chapter members are planning to attend. There are also on-line Boot Camps available. As I continue to stress, we need to integrate new individuals into our leadership pipeline to remain a growing and vigorous chapter. If you are interested in learning more, please see me or any of our chapter officers...they being Cheryl Andrade, Jim Hughes, and Scott Whelan. We'd love to talk to you about opportunities.

In the next month, our chapter will select two young persons to attend the EAA Air Academy this summer at Oshkosh (more elsewhere in the newsletter). We'll also be looking to sponsor kids 8-12 years old to attend week-long aviation summer camps at the Aerospace Museum of California at nearby McClellan Field. Plus, we are looking at some other initiatives to assist individuals in pursuing aviation education. So, our scholarship program is moving forward to spend the funds generously donated for just that purpose.

There's lots else going on and we try to keep the membership informed with our many, probably too many, email blasts we send out. But, if you want to be involved in local aviation activity, our chapter provides some great opportunities. And we're always on the lookout to pass along information about other fun aviation events that are going on in the area. The spring and summer flying season is approaching. If there is something we're missing out there, please let us know by [sending an email to the chapter](#) and we'll put it out in one of those many, perhaps too many, emails or publish it [on our website](#).

Scott Thompson

February 24 BBQ Lunch and Program

Our Fourth Saturday BBQ Lunch and Program will be held on Saturday, February 24, from 11:00 am until 1:00 pm. The BBQ Lunch starts at 11:00 at our hangar at the Lincoln Regional Airport. If you are not familiar with our hangar's location, come to the airport and just follow the "EAA" signs.

The grill is hot from 11:00 a.m. until 11:45 a.m. when it shuts down, so come early. BBQ Lunch is \$10.00 for adults, \$5.00 for youth 17 or under (yep, we changed the youth age range to 17 and under), and \$25 for families.

And, for your convenience, we are now accepting credit and debit cards, plus other methods of electronic payment, for our meals, t-shirts, dues, and donations. Also, if you have not paid your chapter annual dues (\$30 for single or family membership) we will accept payment for that also.

And, remember, we will have our two flight simulators up and running for young and old alike.



There will be a short business meeting at 11:45, followed by our program beginning at 12:00 noon.

Our Program for February

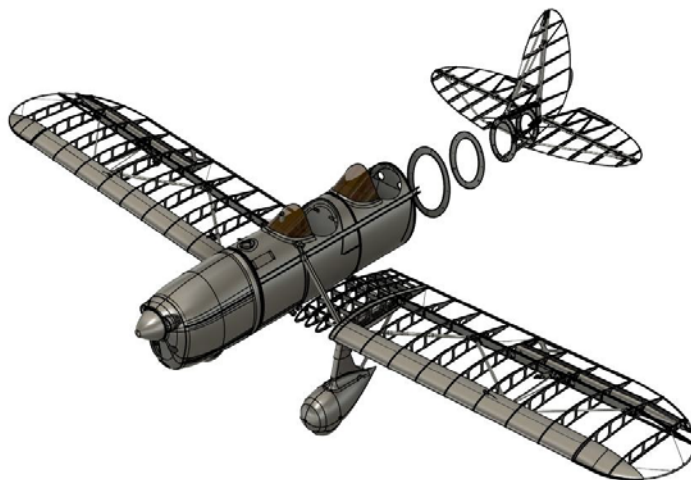
Our program for February will be presented by EAA member Glenn Gordon, who comes to us from Cameron Park. He will speak on the Timber Tiger ST-L, a 95% scale Ryan ST-A replica that is offered as a homebuilt kit.

For those not quite familiar with beautiful and classic aircraft, the 1930s Ryan ST design is both of those things. Derivatives of the Ryan ST were built for the U.S. Army as PT-22 primary trainers during World War II and we have at least one PT-22 based here at Lincoln. The Timber Tiger ST-L kit is a 95% scale faithful reproduction of the Ryan ST as developed by Nick Pfannenstiel and his company, Timber Tiger, at Montrose, Colorado.



Our speaker, Glenn Gordon, was instrumental in the development of the ST-L kit with his Computer Aided Design (CAD) skills. He remains deeply involved in making the kit a success, moving beyond the CAD drawings to designing production tooling for molds, jigs, and fixtures. As an experienced pilot, he also flew the prototype ST-L to Oshkosh to put it on display at AirVenture. Gordon has a long history as a mechanical design engineer going back to the 1990s and is currently employed as a Thermal/Mechanical Engineer for a Rancho Cordova company.

Here is one example of what Glenn contributed to the project...and from these CAD drawings come the ability to accurately produce parts with computerized tooling.



Of course, Glenn is building one of the ST-L kits at Cameron Park. His admiration of the original Ryan ST is, after all, what brought him to the ST-L. Both Glenn's [website](#) and the Timber Tiger [website](#) offer detailed information about this unique and attractive kit built airplane.

Glenn started his ST-L build in June 2022 and is planning on using the Rotax 912 ULS engine on the project. (As with any homebuilt aircraft, it will be done on Tuesday.) We look forward to what Glenn has to say about the ST-L, his project, and the Timber Tiger company.

Chapter Hosts 8th Graders for World War II Day



EAA Chapter 1541 hosted about twenty eighth graders and their families from the Lincoln-area John Adams Academy charter school for a World War II Education Day on Saturday, February 3.

Including parents and siblings, we had about fifty people at the event.

The spotlight of the morning was a lineup of two North American T-6 Texans, one PT-17 Stearman, and one Ryan PT-22. This allowed a hands-on opportunity for the students to see up close the kind of technology and hardware used in the World War II era, plus give them a chance to speak with pilots and others from our chapter knowledgeable about those older warbirds.

Chapter member Ed Soo arranged with the various aircraft owners for the airplanes to be displayed. He provided his own T-6, with Jeff Demure providing the second T-6, Jeff Vogt bringing his PT-17 Stearman, and Mike Anderson with his Ryan PT-22. The intent was also to focus the class on the upcoming 80th anniversary of the D-Day Landings at Normandy.



we had the last two waiting-list kids that Mike took flying as our event was ending...coming back to the hangar an hour after most others had left for the day.

It is only through the generosity of the Young Eagles pilots providing their time, aircraft, and fuel costs that the program succeeds. We had many, many comments from parents and kids alike about how special those flights were. On the ground, we had Cheryl Andrade and Shirl Whelan keeping things moving for the Young Eagles.



We also provided lunch to the students, so we had a crew behind the grill preparing the food. All in all, we had a good group of chapter volunteers on hand. Our chapter helping hands were (at least, and in no particular order) Cheryl Andrade, Scott Whelan, Shirl Whelan, Dan Masys, Tom Chavez, Alex Chavez, Mike Lagomarsi, Jeremy Preece (who took the attached photos), Ray McNaught, Ray De Golia, Richard Pearl, Ed Soo, and Scott Thompson, plus the four Young Eagles pilots mentioned above.

We took the opportunity to provide Young Eagles flights to the scholars. After watching the threatening weather forecast through the prior week, it turned out to be a perfect day to go flying. We had twelve signups for the flights ahead of time, but we were able to also accommodate five more that we had on a waiting list. Thus, a total of seventeen kids received Young Eagles flights. We gratefully acknowledge the generosity of the four Young Eagles pilots who flew Saturday: John Tate, Mac McElroy, Jim Hughes, and Mike Haag. Mike gets a special mention as

Also on hand running our two chapter flight simulators was Dan Masys with an able assist from Alex Chavez. Dan earlier obtained a copy of T-6 Texan software (plus a P-51 and Spitfire) for the virtual reality simulator that gave scholars a firsthand chance at flying the exact type of plane that was parked behind them on the ramp.



Thank you to all the volunteers that made the event such a success! It was a good morning for the chapter. We heard much appreciation from the eighth-grade teacher, Nicole Ward, and many of the parents, scholars, and siblings. It was another good opportunity to show off our chapter and our airport to the surrounding community.



Photo credits: Jeremy Preece and Cheryl Andrade

Build and Fly Session



The EAA Young Eagles Build and Fly program is an intensive RC model building and flying initiative to introduce youth to aircraft construction and the fundamentals of flight. Our chapter's new EAA Build and Fly group met for the first official building session on Saturday, February 17. We have a good group of young builders and they got their hands into the first project at the EAA hangar.

Under the guidance of Associate Modelers of Sacramento members, we started to assemble an Almost Ready to Fly (ARF) kit. Coming soon to our building group will be a Not Almost Ready to Fly kit...in other words, a stick-build project. Using these kits and two others the chapter already has, we will be combining building, training, and flying of these RC models over the next many months. The AMOS volunteers were David Long, Dan Calhoun, and Marlin Holmoe.

New Private Pilot



We as a chapter congratulate chapter member Lesa McArdle in earning her Private Pilot license. She took her checkride on Saturday, February 3, in her Mooney M20C at Lincoln. Lesa has done her flight training with local CFI Mary Wich and took her checkride with Designated Pilot Examiner Mark Montague.

Lesa passed along that “learning to fly in a complex airplane, electric retractable gear and constant speed propeller, took more time, a lot of patience for both me and my instructor, but has been worth it. I had a lot of support from EAA chapter 1541 and Sutter Buttes 99s, I am so appreciative of this aviation community!”

Earning a PPL is a major accomplishment so we’re happy to see her achieve that goal. Lesa is on our chapter’s Board of Directors, and she also is on the City of Lincoln’s Airport Committee, so her involvement with Lincoln-area aviation is firmly established.

Membership and Young Eagles Update

NEW MEMBERS

Please welcome the following new members to our Chapter:

Ray De Golia is interested in volunteering (cooking/clean-up), is a retired military pilot, a CFI, holds most ratings, and has a keen interest in safety as an ASO (aviation safety officer) and much more.

Greg Hansen is a pilot and putting the finishing touches on an RV-14 build.

Melisa Romero is interested in volunteering and assisting youth with building aircraft projects, Young Eagle events, and hanger projects.

Cesar Jesus is interested in aviation and having his children learn aviation through our Young Eagle Program.

YOUNG EAGLES UPDATE

Our regular mini-rally is scheduled for February 24, 2024, from 8:00am to 10:00am before our barbecue lunch from 11:00am to 11:45am, followed by our meeting and guest speaker, Glenn Gordon.

We currently have six pilots committed to flying and fifteen children/teens registered to fly.

Be happy and fly safe.
Cheryl Andrade

Chapter Lending Library Available

Years ago, our chapter had a lending library. Then, it seemed, we did not. Well, we have one again. It's not a big library, but it offers a wide selection of aviation-related DVDs, flight training books, aviation history books, and aviation coffee table books. All good stuff.

The lending library is located in a vertical cabinet you can find next to our audio-visual area corner of the hangar or, perhaps easier to find, just behind the flight simulators. The rules of the lending library are pretty simple:

1. Borrow stuff at your discretion
2. Return borrowed stuff at your discretion within a reasonable amount of time

We'll take donations too. There is a red basket marked "Donations" for such things located on the bottom shelf of the library. Rules for donating things are also pretty simple:

1. Donation of aviation books and DVDs are accepted.
2. No magazines, aviation or otherwise, please.
3. See Rule #2.

Donated items that duplicate what we have, or that are not really appropriate for our little library, will be offered at the Freebie Table and, if not taken, ultimately donated to the local Lincoln Public Library. One does not throw away any books. Magazines, however, may be thrown out.

Finally, if there is somebody out there in our talented chapter that is particularly creative with a paintbrush or an airbrush, and actually has either of those things, we would welcome an exterior creative paint job on the library building. Something clever and appropriate for such a collection. Talk to us if interested.

Summer 2024: EAA Air Academy Summer Camp Sponsorship

If you have a young person between the ages of 14 and 18, you should know that our chapter sponsors two young people for the EAA Air Academy summer camp held each summer at the EAA grounds at Oshkosh, Wisconsin.



The chapter has reserved two slots, one for the Basic Air Academy (ages 14-15 held June 28 through July 3) and the second for the Advanced Air Academy (ages 16-18 held July 16 through July 24). Our chapter sponsorship provides tuition and a travel stipend for each young person.

Participants stay at the EAA Air Academy under the direction of EAA counselors for the entire session. Experienced aviation instructors help them delve into flight through studies, hands-on demonstrations, flight simulation, and other exciting activities. The Advanced Air Academy also overlaps with the dates of the big AirVenture EAA airshow at Oshkosh.

The important part of this information: the **deadline** to apply for one of the two chapter sponsorship slots is **February 29, 2024**. We will make a selection based on the application and other evaluations. Information on our chapter's sponsorship program and a **link** to the application can be found at this [dedicated webpage on our website](#).

Project Updates and Adventures

Tom Chavez writes about his son Alex:

Alex is now a Cadet Airman, having joined the Civil Air Patrol California Wing, Squadron 802 based at McClellan.

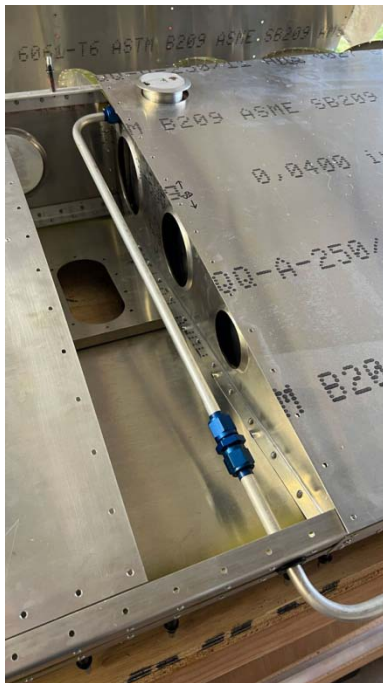
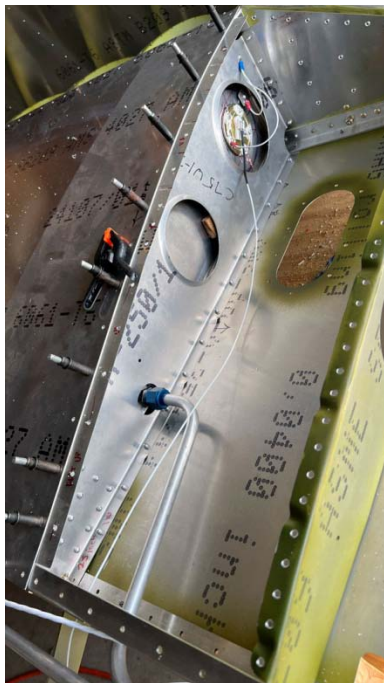
He is very excited for this next chapter in his aviation journey!



Brent Smith writes about his Mini-IMP:

I'll forego the excuse about lack of progress/reporting being about injuring my thumb while helping out at my son's house last month. By gritting my teeth and getting on with it, I've been able to reassemble my new and improved Flexidyne and gotten it reinstalled on the engine prop flange per the included photo.

I still have some safety wiring to do, reconnecting the drive shaft, of course, and completing a fresh annual before getting back to the taxi testing I was doing when my odyssey was interrupted by the "rapid self diassembly" of the previous Flexidyne. Experimental aviation is all about the education... just like the FAA says.

**Tom O'Hair writes:**

I started a new job so I have been a little mentally busy. Here is my Zenith 750 Cruiser progress report.

We installed the pilot-side fuel tank.

Wired and tested the fuel level sender. The sender that comes with the kit is actually a Volkswagen Beetle sender. German engineering!! Plumbed the fuel supply line and the vent lines, but I have yet to torque them.

Getting ready to install the pitot static sender and plumb the lines. I have thoughts of getting a more respectable sender, but this simple one does help us keep the weight down. Slow and steady progress.



Also, not sure it is really worth promoting but I shot and edited some video of planes landing and taking off up in Auburn last weekend. I'm a plane nerd through and through. Someone may want to check it out.

Maybe I captured a club member. link:

<https://youtu.be/nPakIeypFs4>



Chris Silva writes:

As some of you may know, since I retired I have dabbled in creating aviation focused YouTube videos. Last year I did a video of Lincoln's own Questair Venture owned by EAA member Bruce Milan. Over the last month I finally found some time to publish a few videos that fellow aviators may enjoy. One set of videos were created around one of those "special days" that happen every once in a while. I had an old friend call me, out of the blue, and ask - "Would you like to take me to Hollister so I can get a ride in a P-51 Mustang?" Heck yes, I would! I created two videos from that incredible day - one long form pilot interviews video discussing the AT-6D and P-51, and one video more focused on my story of capturing this day in a photo. Both videos are a great way to waste 30 minutes if you are "into this stuff."

The other video I posted just recently is focused on an incredible Wittman Tailwind that I discovered at an Oroville Fly-In last June. The plane and pilot make for great content and the quality of this plane build is phenomenal. I try to get better in every video I create, and I think this one is approaching pretty good. What I love about all of these is trying to tell the personal stories. In the Tailwind video I think I captured the spirit of the owner pretty well, and he is a cool guy! For those of us who love these things, it is worth the 15 minutes to check it out.

Capturing, editing and producing these videos takes me a lot of time. Producing the Tailwind video took me over 80 hours of editing work, on top of the effort to get the initial content filmed. I do it because I like to share my excitement for aviation as a "sport" enthusiast. With each production I learn new things, which can improve the next story, or hopefully shorten the production time to get content produced. It is immensely gratifying to read positive comments from viewers, although you have to understand that internet commenters aren't always positive. Feel free to chat with me at the next breakfast or Young Eagles event if you have questions, or suggested stories!

You can check out my full channel here - [\(11\) Silva Adventures - YouTube](#)

Here is the link to the Tailwind video - [A Real B&H 50th Birthday Story! \(youtube.com\)](#)

Here are the links to the P51/T6 videos -

My story of "capturing the shot" - [\(11\) Shooting a P51 Mustang from the back of a T6 - with my camera! Fantastic flying adventure! - YouTube](#)

Flying and Owning P51/T6 pilot interviews - [Flying and Owning Warbirds: P51 Mustang and AT-6D \(T6\) Pilot Interviews! \(youtube.com\)](#)

Greg Hansen's RV-14 project is just about ready for its FAA inspection, and got its initial weight and balance data on Friday, Feb. 16th with a little help from his friends: Matt Brenner, Ray McNaught, tech counselor Dan Masys and the chapter's digital scales:



Greg Hansen and Matt Brenner with the RV-14 on its tiptoes for weighing.

And in case you were wondering, the wheel pants will be installed in the normal orientation for flight.