



## EAA Chapter 648

Longmont, Colorado 80503

Unfortunately, because of every one's concerns regarding the Corona virus, there will be no scheduled general membership meeting Or Christmas Party this month.



**T**hanks to all of you for reading our newsletter and I will keep on working to increase our readership and don't forget to patronize our advertisers if an aviation purchase is in your future.

*Remember, "Nothing happens until somebody sells something"*

### **Chuckle of the Month:**

After a real crusher of a landing in Phoenix, the Flight Attendant came on with, "Ladies and Gentlemen, please remain in your seats until Capt. Crash and the Crew have brought the aircraft to a screeching halt against the gate. And, once the tire smoke has cleared and the warning bells are silenced, we'll open the door and you can pick your way through the wreckage to the terminal."

### **The President's Message:**

It wasn't that long ago that an editor of one of the newsletters I subscribe to asked how many hours we'd flown since January 1, 2020. All answers were canard types (I wonder why ; ) ), the hours ranged from zero to 94 hours, averaging 25. A SQ2000 was top dog at 94 hours, a Beech Starship logged 30 hours (using around 3000 gallons of Jet-A?), and your mystical President logged a whopping 6.6 hours of flight. Covid19 and all, how many hours did you log last year? Do you anticipate more or fewer hours in 2021, and why?

The Innovation Center continues to be a bright spot, however they too are 'remote' learning now. No in person meetings to work on their RV projects.

There is a potential to host joint meetings with EAA chapter 1627 at the Boulder airport. I understand they have several aircraft projects that are stalled, they might entertain additional help.

Rick Brennan is in touch with AOPA and EAA, and recently co-hosted a webinar about a flying club his group is forming. The project plane(s) at EAA 1627 could be an asset. We can anticipate Rick making a presentation at a future 648 chapter meeting.

Your chapter officers; Bill, Haiko, Dan, and myself; are meeting on Monday to chart a course for our chapter given Covid19 and all. Don't worry, we'll be chatting about other important chapter things too! Therefore there is no scheduled members meeting on Monday the 14th.

Fly safe, wear a mask, wash your lunch hooks frequently. We still live in the best country in the world, we'll get through this.

Rick

## **Tech Counselor Report**

by Dan Berry



I had the honor of doing an initial inspection on Jerre Hill's RV12 and an interim inspection of Mike Duggan's Carbon Cub this month. Both are on the Longmont airport and they look like airplanes. Thanks to both builders for answering my prying questions. Good workmanship is apparent, especially the RV12 Flaperon mechanism. I had to study the

plans on that one! Jerre has done a great getting all the safeties, movement clearances and jam-nuts in place.

Mike's Carbon Cub's engine compartment is a work of art with all of his special wire standoffs and separations made from lacing cord. Apparently Rick Hall gets the idea credit and Mike gets all the master craftsman credit for his great workmanship.



Mike also made great use of the EAA Builder Hint's video on Cotter Key Installation by Brain Carpenter of Rainbow Aviation demonstrating the "alternative" method which tucks the key ends into the castle slots. No way to snag anything on the cotter key with this method, and it is approved in AC 43.13.

## Innovation Center RV12iS Update

by Dan Berry

The RV12iS is officially on order with an early January Empennage Kit delivery. The remaining kits will arrive a few months later.



Sixteen very enthusiastic students are actively engaged and learning about riveting and riveting tools. They are discovering 2024 AlClad aluminum and how to cut, debur, layout hole patterns, drill, match drill and rivet universal, flat head rivets,



and nut plates at a minimum. Their practice parts have resulted in bucking, squeezing, back riveting and pop riveting parts together. Their challenge is to correctly install over 70 or more rivets and drill out and replace the not so good results. And they have studied to learn how to calculate the correct rivet length, edge distance and shop head dimensions. All of this has been in preparation to build the RV6 Empennage, generously

donated by Thomas Lucas, who lives in Loveland.

Rob Woodard from Fort Collins graciously loaned the Innovation Center this RV Empennage Fixture, shown below, for our construction project. We were all on plan to start the RV6 practice empennage when returning from the Thanksgiving break, only to be placed in a holding pattern with the Covid needle on the Revised Red box. Hopefully we can get back on track in January. I love working with these young adults and greatly appreciate their commitment.

**Wing Rotisserie for Free** (wing shown not included :)

Contact Mike Duggan email - [dugganboulder@msn.com](mailto:dugganboulder@msn.com)

Call or Text - 303-912-9038



## EAA 648 Chapter Officers:

- **President:** Rick Hall 303-747-2042 [rick648@zggtr.org](mailto:rick648@zggtr.org)
- **Vice President elect:** Bill Kastenholz
- **Secretary:** None elected, Various volunteers
- **Treasurer:** Dan Berry
- **Newsletter Editor:** Haiko Eichler 970-344-4599 [heritmail@aol.com](mailto:heritmail@aol.com)
- **Tech Counselors:** Bill Hannahan 303-618-7921 [wfhannahan@yahoo.com](mailto:wfhannahan@yahoo.com)  
Doug Sykes 720-684-8699 [taildraggers4cd@hotmail.com](mailto:taildraggers4cd@hotmail.com)  
Brent Olsen 303-241-7884 [brent.olsen.co@gmail.com](mailto:brent.olsen.co@gmail.com)
- **Flight Advisor:** Bill Mitchell 303-427-4025 [billyav8r@yahoo.com](mailto:billyav8r@yahoo.com)

*Disclaimer: Be aware that as always, in past, present, and future, any communications issued by Experimental Aircraft Association Chapter 648, regardless of format, and/or media used, which includes, but is not limited to, this newsletter and audio/visual recordings, is presented only in the context of a clearing house of ideas, opinion and personal experience accounts. Anyone using ideas, opinions, information, etc., does so at their own risk. Therefore, no liability is expressed or implied by the Experimental Aircraft Association Chapter 648, or any of its members. Any event announced and/or listed herein, except as noted, is done as a matter of information and does not constitute approval, sponsorship, control, or endorsement of said event. This newsletter is published by Chapter 648 of the Experimental Aircraft Association for the use, education, and enjoyment of the members and others to whom it is provided. No claim is made for technical accuracy of material presented or endorsement of any of its advertisers or sponsors. Editorial content is the opinion of the contributor and does not reflect the position of Chapter 648 or the Experimental Aircraft Association. Submission of articles, comments, or inquiries for publication in the newsletter is encouraged. Meetings are normally held on the second Monday of each month at 7:00 P.M. The place is determined each month.*