

# EAA Chapter 648

Longmont, Colorado 80503

Our next meeting, the annual Chapter Christmas Party, will be held on Saturday, December 9th, 2017, beginning around 5:30-6:00pm at the home of Robin and Bill Kastenzholz. Detailed directions and particulars are found in the body of this newsletter.

**December**

2017

[www.648.eaachapter.org](http://www.648.eaachapter.org)

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**Editor**

Doug Sykes

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November Meeting Photos:



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*what are the odds of the truth being told here?*

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**November Program:** Well attended (twenty-nine) and interesting. Nick Pfannenstiel of Timber Tiger, a start-up operation here in Colorado, talked about his company's 95% scale Ryan ST that is expected to fly in late 2018 and be available in Kit-form. If understood correctly, this plane will fall under the Light Sport Category for experimentals. As usual, a very informative program.

## **A Message from the President**

We will be handing out the EAA pins and certificates to the past year's set of Chapter officers. We have our "Travelling Trophy" award which is coming due and our Chapter MVP award. I'm asking for recommendations and suggestions either in an email, telephone call, or at our January meeting. It seems that when something is needed or asked for, a member comes through. "Atta-Boy's" are nice but an official recognition is special. Give this some thought and think about who we might name for these awards.

***Dick Socash***

***President, EAA Chapter 648***

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*Editor's note: On the subject of chapter officers who are retiring, or would like to, the Newsletter Editor's job is also available. I will continue to produce the newsletter through the June issue of 2018. The transition to a new editor will take a couple of newsletter cycles, so I would like to begin the changeover no later than May. It has been an honor to serve the Chapter in this position. Thanks,  
Doug Sykes*

## **NEWSLETTER QUIZ**

Each month, we will ask a "question" in the newsletter. Answers are given at the meeting referenced in the newsletter. At the end of the year, there will be a prize to the person who has the most correct answers. Some will be easy and others not so much.

**November Question:** You are performing a compression test on a four-cylinder Lycoming O-360 engine and charge a cylinder to 73 psi. What is the total force in pounds on the piston? (This is why compression tests can be dangerous)

**November Answer:** Bore and stroke values for a Lycoming O-360 engine are 5.125 and 4.375 inches respectively. Piston area is 20.629 square inches. Multiplying the piston area by the pressure in pounds per square inch gives a peak force of approximately 1506 pounds. If the piston is at top dead center, the force will decrease as the piston descends and the volume increases. If the propeller moves accidentally while the piston is at or near top center, it will move with quite a bit of authority.

**December Question:** A "Winter-Time" question. Why are snowflakes, for the most part, six-sided?

## **December Christmas Party, Saturday December 9th**

Our December gathering will be our annual Christmas Party which will be held on Saturday, December 9th at the home of Robin and Bill Kastenzholz in Longmont. Plan on attending and having a good time. Remember, guests are always welcome. Let's plan on getting started around 5:30 – 6:00 PM. Rick Hall will bring the ham and we still need a volunteer for the turkey. Call me, (303) 499-3169 or email [Rege.So@Gmail.com](mailto:Rege.So@Gmail.com) if you can bring the turkey. A special thanks to these people for their efforts. The ham and turkey are our main courses for the dinner and the Chapter picks up the cost. You are asked to bring a dish or dessert to

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complement the meal and to share with others. Also, we will have the 648 Gift Exchange again so bring a wrapped gift (in the \$15 range), labeled for male, female, or either. For those new to the Chapter, the gift exchange is designed to have some fun as we usually experience some clever give and take over the mild objections of the original package openers. If that doesn't make sense, come to the party and you will see! It's your choice as to a serious or gag gift. It's at this time that Home Depot and Harbor Freight sales peak as Chapter members look through their offerings.

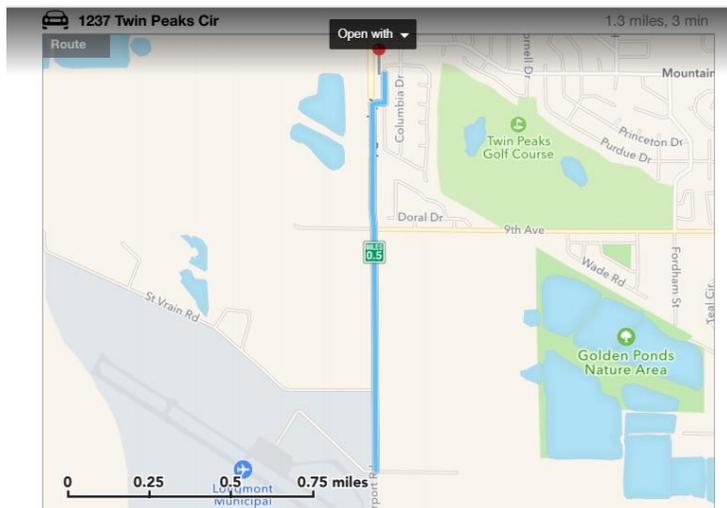
**The address and telephone number for the party is:**

**1237 Twin Peaks Circle,**

**440-935-0026 440-773-0063 if you get lost!!!**

## Directions:

Here is a map showing directions from the Longmont Airport to the Kastenzholz residence. North on Airport Road, pass over the railroad tracks and take the next right into Twin Peaks Circle. After the entrance, turn left. It is the fifth house on the left. The house is red, 1237 Twin Peaks Circle.



## January Program

Our January program will be on ADS-B requirements, technology, and solution approaches. Doug Sykes will explain his approach to adding both "in and out" capabilities to his airplane. Assistance is needed on the part of anyone having contacts with the major avionics vendors, avionics shops, or already familiar with this subject. The deadline for installing ADS-B out is

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rapidly approaching. Let's put together a program that provides solution paths for those needing to upgrade their equipment.

## **ELECTION OF CHAPTER OFFICERS...VERY IMPORTANT**

We need to address the issue of Chapter officers. As you are aware, our newsletter editor will be retiring and a replacement is needed to come forth. This job does not require one to write the newsletter, but rather to edit at will and learn the workings of our email system to distribute it along with any other announcements on a monthly basis. Also, it would help to have a Chapter Secretary to assist in a 'recording of information' capacity to ease the strain on the President's memory. Also, it's only fair to give our Treasurer, Haiko Eichler, and Vice-President, Bill Mitchell, the opportunity to stay on or to step down. Please see below, your President's condition for another term.

## **WEBINAR**

Now for the 'blackmail.' Your 'prez' is giving an EAA Webinar on Wednesday evening, December 20<sup>th</sup> on the experience of building, flying, and maintaining an experimental airplane. The two most dangerous things to ask an ex-professor are: 1) To write a book, and 2) To give a talk. They'll always do them! I did the first and will soon do the second. I'm asking Chapter 648 members and all others to register for and possibly even log onto this webinar. It's easy to do. Go to EAA.org, click on Education and Resources, and scroll down through the list of upcoming webinars and click on the title. ***There will be a pop quiz at our January meeting!!!***

## **Other Items of Interest**

A trio of photos from a trip to the mountains by Rick Hall



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a 'plastic overcast' over Boulder



**Chapter Tool Loan Program:** In January, I will publish an updated spreadsheet showing tools and skills for loan from and for paid Chapter members. Thanks to a generous donation by Ed Spengler, the chapter now owns an extensive list of assorted maintenance and fabrication tools. This list will also appear on the January database update. Doug

## **AIRPLANE PICTURE(S) OF THE MONTH (Holding at #39)**

*NOTE: Even if your airplane was included in an earlier newsletter, don't hesitate sending in another/different picture. We'll keep showing these classics, but I don't want to squeeze out member's photos. Dick*

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***ANYONE WHO HAS A PLANE AND HAS NOT SUBMITTED A WRITE-UP AND PICTURE(S), PLEASE DO SO. THESE ITEMS FORM AN INTERESTING ADDITION TO OUR NEWSLETTER***

## **A FINAL NOTE:**

As you may recall, I've put a reminder in the newsletter each month regarding our ex-member, Bill Truax. I called Crown Crest to verify Bill is still there. He is and I think it would be a nice touch during the Christmas season to send greetings to him from the Chapter. We'll do it at the

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party but I also encourage each of us to send a special personal note. It's bad enough when a pilot is grounded. It much worse when one goes through what Bill has experienced.

**Bill Truax**

**Crown Crest of Parker**

**Room 313**

**9398 Crown Crest Road**

**Parker, Colorado 80138**

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**To members, friends and aspiring authors.** Get published! Send in Your Newsletter Items: **DON'T FORGET!!!** We need to get submissions from the members to include in future newsletters. I'm starting to run out of ideas and lies!! Let's hear from you!! Need "Plane of the Month", trip reports, technical tips, hangar tales, "beautiful planes", and aviation slanted "fish stories." NOTE: To all who have sent in articles. **THANK YOU!!**

## Chapter Officers:

- **President:**
  - Richard Socash      303-499-3169      [rege.so@gmail.com](mailto:rege.so@gmail.com)
- **Vice President:**
  - Bill Mitchell      303-427-4025      [billyav8r@yahoo.com](mailto:billyav8r@yahoo.com)
- **Secretary:**
  - Connie Socash      720-890-7763      [csocash@hotmail.com](mailto:csocash@hotmail.com)
- **Treasurer:**
  - 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)
- **Newsletter Editor:**
  - Doug Sykes      720-684-8699      [taildraggers4cd@hotmail.com](mailto:taildraggers4cd@hotmail.com)
- **Flight Advisor**
  - Bill Mitchell      303-427-4025      [billyav8r@yahoo.com](mailto:billyav8r@yahoo.com)

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