

EAA Chapter 648

Longmont, Colorado 80503

Our next meeting is on Monday, March 13th, 2017, at 7pm. The meeting will be held at our usual venue, the Colorado Classic Aircraft office of Carol & Bob Leyner, located on the north side of the Longmont Airport.

March

2017

www.648.eaachapter.org

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Editor

Doug Sykes

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taildraggers4cd@hotmail.com



February Meeting Photos:



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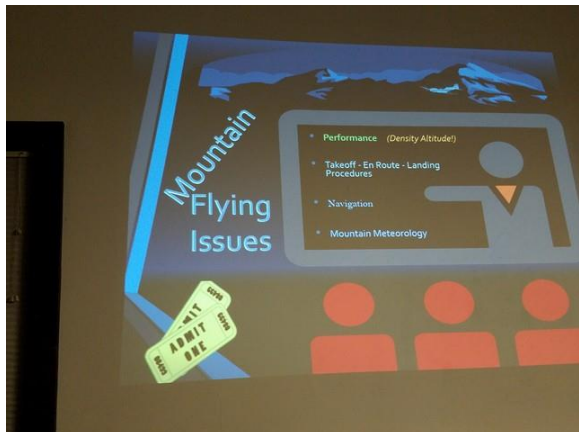
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I don't understand the question...she seemed to say

February Program:

Originally, we were scheduled for a presentation by Brett Godfrey on his experience with a double engine failure at night over the mountains. Brett had a conflict and had to postpone his presentation until a later time. Duane Root graciously volunteered to step in and talk about mountain flying. Duane's talk coupled with a good PowerPoint presentation was informative and well received. It's evident that any contest between the mountains and the adventurous pilot will almost always come out in favor of the mountains. Beautiful to fly over and see, but unforgiving when challenged improperly.

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A Message from the President

If you are looking for company going to Oshkosh or looking for a ride to share, keep the Chapter posted. It's always fun to have company and sharing expenses is an added benefit.

As the weather gets warmer, Saturday mornings present good opportunities to get together in an informal environment. Events held at Longmont or Boulder airports allow for fly-in and drive-in get-togethers. Events of this type don't need a theme or purpose other than to get together for good conversation. Something about drinking a cup of coffee around an airplane seems to make it taste better. Any volunteers willing to host at their hangar will be most appreciated.

Dick Socash
President, Chapter 648

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 some difficult.

February Question:

Does anybody ever read these questions and the subsequent answers? Now for the real question, in the form of an essay question: Why does a conventional gear airplane turn to the left as the tail is raised? Torque is involved but torque is not an acceptable answer. (Thought I'd get back to my college teaching form! *Dick*)

February Answer: Forward stick pressure causes the tail to rise. The initial angular momentum of the engine and propeller is directed along the main airplane longitudinal axis. The upward force at the tail coupled with a moment arm from the tail to the effective moment of inertia location of the propeller and engine introduces a torque component perpendicular to the longitudinal axis of the airplane and in the direction of the left wing. The initial forward directed angular momentum and the new angular momentum component perpendicular to the axis results in a net angular momentum direction (vector) slightly off-axis in the counterclockwise direction. Unless compensating right rudder is applied, the airplane maintains alignment with the net angular momentum vector and turns to the left as the tail is raised.

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March Question: Cylinders can leak due to a bad intake valve seat, a bad exhaust valve seat and around the rings. How does one quickly check for these three possible leakage sites?

March Meeting:

Our March program will combine a technical demo/presentation and a video about aircraft icing and how to deal with it, produced by NASA, FAA and AOPA. Mike Gugeler will allegedly bring the borescope described in the February newsletter, if he can find his way to the meeting site. Attendees will have an opportunity to see the features, resolution, and potential of a device of this type. This will allow us to discuss and consider purchasing a device of this nature for use by Chapter members and for rental to non-members. It's not that "pricey" but not really practical for everyone to purchase their own, similar to the aircraft scales the Chapter owns. The video is a natural follow-on to last month's program on mountain flying. Like the mountains, ice is not to be taken lightly.

Other Items of Interest

AIRPLANE PICTURE(s) OF THE MONTH (#33)

Here's another of Bill and Mary Mitchell's pictures of classic airplanes. Sorry to say I have no information on what this is. I'll take a wild guess and say I think that's Bill in the cockpit. There's something about an airplane number that begins with NC. We'll get an update at our meeting.

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 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

Chapter Awards

Two Chapter awards were presented during our meeting. The “Charlie Hornbeck Travelling Trophy” was awarded to Haiko Eichler for his contribution to the Chapter in 2016. Haiko’s contributions came under his position as Chapter Treasurer and as a member of the Chapter. As Treasurer, he did something long missing in our activities, reaching out and back to our inactive, past, and present members encouraging them to again be active in Chapter events. The results were impressive, and also rewarding to our bank balance. As a regular Chapter member, Haiko treated us to presentations on MoGas/AvGas considerations and on his and Willie’s experiences in Berlin during the Berlin Airlift. And let’s not forget the fill-in videos such as the restoration of the B-29, ‘Doc’.

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A new award, suggested by EAA National, "Chapter Most Valuable Person", was awarded to Doug Sykes. Doug serves as our newsletter editor and general "communications" person for the Chapter. There's more to the job than just emailing out notices. Editing, pictures, adding articles, and organization information takes time, skill, and effort. The newsletter is a valuable tool for reaching prospective members and our own members who may not be able to make regular meetings. That job is indeed valuable and the present holder of that job is deserving of recognition as our MVP. *Dick*

Special Chapter Grant

At 80+, our own Haiko Eichler won a gold, silver, and bronze medal in the Colorado Senior Olympics. Haiko was invited to participate later this Spring in the US National Senior Olympics. The Chapter voted to donate \$100 to Haiko's fund raiser related to his trip to Alabama to participate.

To insure he wasn't left out on the "gift" end, we also made an award to Doug Sykes, a copy of my book, THE EXPERIMENTAL EXPERIENCE. Doug offered to proof a copy of the book and now he has his own to read and learn about "tricycle geared airplanes, those with the training wheel on the incorrect end of the aircraft." Since both of these gentlemen were on the awards committee, it was a bit of a "cloak and dagger" action to get things done and keep the results secret before our meeting. Both of these men put in a lot of effort/work on behalf of the Chapter. Thanks guys!! *Dick*

2017 Dues Due!

With the start of the New Year, our annual membership dues are once again being collected for the Chapter's ongoing fund. Also, related to dues, at the end of March, the Chapter's Tool Loaner List will be made available to all paid members. To all members, thank you for your support.

The following points are submitted by **Bob Leyner**:

From Bellanca Champion newsletter:

"Aircraft Spruce has purchased the former home of Paul and Audry Poberezny in Oshkosh, Wisconsin and will make the home available to the EAA for tours and special events. The original stone farmhouse is located near Whitman Field. This home housed many aviation leaders and icons...."

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In a separate article on exhaust stack leaks in Continental O-200's, it is noted that the brass self-locking exhaust flange nuts, P/N 2202 in the parts catalog, were loosening and in 2012 Continental was no longer recommending their use and now recommends a silver plated self-locking nut, type MS20500 per TCM SB 14-8, Table 1, torqued to 100-110 inch-lb. They also warned about leaks in the exhaust stacks on the side toward the cylinder head and harder to see. Thanks for the info, Bob.

A note from the editor:

Receiving the Chapter 'MVP' award is certainly an honor. My thoughts on this award are that everyone in our chapter is a contributor to our success, from our talented Chapter President on down. As Dick has mentioned before in these pages, our chapter enjoys an abundance of talent, knowledge, and willingness to help out in many ways. A list of the accomplishments and contributions that accrue to our group would be long and substantial. It has been a pleasure to serve with this collection of men and women and I feel fortunate to have been a part of the Chapter, off and on, since I was first 'recruited' by a revered past president, Colby Sewell, in 1995. My thanks to all of our members for a job well done! *Doug Sykes*

An engine search by a Pueblo Chapter member:

I am looking for a mid-time Continental O-200A or D (100hp), with FWF if possible, mags, carburetor, key starter, alternator, fuel pump, heat box, exhaust, carb heat box. It needs to have log books and its history. It will go on a Zodiac CH 601 HDS that I am building.

Jon Fredricks, EAA Chapter 808

Pueblo West. CO

719-547-7537

WA9SBX@aol.com

A note from *Haiko Eichler*:

Just wanted to express my gratitude to all the members of EAA Chapter 648 for the generous donation of \$100 to help me with my expenses traveling to and participating in this year's Senior Games in Birmingham, Alabama.

The games will be held June 2-15 and I will be competing in Javelin, Discus and Shot Put – the same disciplines I was successful in 2016 at the Colorado games.

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Young Eagles

No action has been taken regarding restarting our Young Eagles Program. The intention is to talk to Chapter 43 in the coming months to learn what their experiences are with regards to the new regulations.

Also, if you get time, send a note to Bill Truax. His address is:

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
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 - Bill Mitchell 303-427-4025 billyav8r@yahoo.com
- **Secretary:**
 - Connie Socash 720-890-7763 csocash@hotmail.com
- **Treasurer:**
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