

# EAA Chapter 648

Longmont, Colorado 80503

Our Next Meeting will be June 9th at 7pm in the Colorado Classic Aircraft Building at Vance Brand Airport.

**June**

2014

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



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## May Meeting Photos

A Pizza Party... courtesy of our guest speaker Patrick Romano



## Editor

Ed Spengler

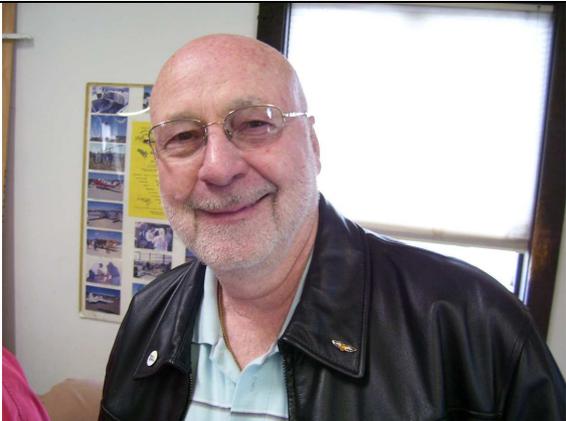
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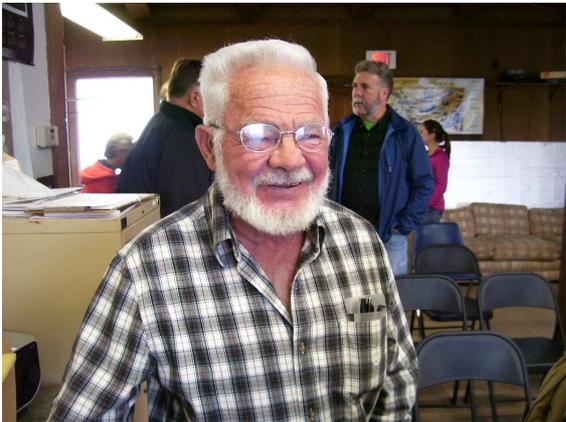
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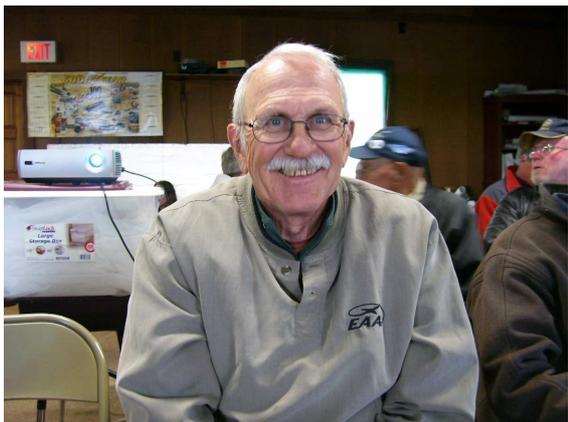
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## June Program

With the weather improving, it's time to think about "flying towards the West." Bill Mitchell will talk about the "Ins and Outs, Dangers and Pleasures, and practical considerations of Mountain Flying.

This is a great opportunity for guests. Contact the local FBO's and Flight Schools and invite their instructors and students.

## A Message from the President

***A personal appeal to the members of Chapter 648.*** I believe things are picking up in our chapter and we're moving forward, but I need your help to keep things going and to make our chapter more enjoyable and more interesting to all of us and to prospective members, especially younger people. I never was good at delegating and I always feel uncomfortable placing a burden, however light, on someone else. For this reason, I'm asking members to volunteer to handle some of the existing activities so that I and the other officers can work on some of the newer things we've talked about. No single activity requires a lot of effort or time, but added together, the demand can get burdensome.

Activities that could use your help include;

- Arranging programs for meetings
- August picnic
- December Christmas Party
- Writing informative/educational articles for the newsletter
- ... anything else you feel we should be doing ...

I appreciate the work Rick Hall has taken on with the Young Eagles Program and the beginning efforts of Connie and Rick working on the "Tool Loan" project. Also, the efforts of Steve Beach arranging the ARTCC and Tebo Car visits provided two interesting activities for Chapter members. When I ran a company some years ago, I used to joke about the luxury of being able to get sick. I learned no one is indispensable and everyone can encounter

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problems. It's good to have a backup and to have things move ahead if something happens. So, how about volunteering to lend a hand to make 648 even better!

Dick Socash

President, EAA Chapter 648

## Meeting Minutes for May 12, 2014

Introductions

Guests:

Tracey Perry

Tom Priestly

Tracy Ross

Ted Harshaw

Keith Stagg

Lindsey Moreland

Patrick Romano

New Business:

Balance in checking account before meeting: \$1667.14

Check written for a project: \$166.64

Check written for Direct Contact (internet/website) and beverages for tonight's meeting: \$235.16

Remaining balance is \$1266.34

General communications

-No official communications

A few fly-ons are coming up:

Fly-in in Pueblo Fly-in in Metro - 6am -1pm

Fly-in w breakfast at Platt Valley on May 31st

The museum will not be available for this.

Richard reported that the Metro Tower was closed on Sunday afternoon (unusual!) They need the traffic to justify the existence of the controllers

They count the operations (a take-off and a landing are both operations)

Tech counsellor Reports:

- none

Old business:

Tebo garage tour

Emails were sent out by Steve Beech

Meet at 10am Saturday morning per the email

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We need a chapter roster - info on people, airplanes

We have the start of a partial roster in Excel

Someone suggest doing a roster by email a few times a year like in other clubs which has pwd protected attachments.

A list of members who are willing to loan tools is still in progress - this list was gathered two meetings ago; expect an email soon if you are on the list.

It was proposed we send an email through constant contact

Young Eagles:

Saturday after next month's meeting

Saturday June 14 8-11am

No one yet confirmed

Insurance : \$100,000 per seat

Rick looking into supplemental insurance from EAA

No hot loading - engine must be off to load a young eagle

Ages: 9-17

Recommended the parent doesn't go with child

A note from Richard:

We need a June program and an aircraft of the month.

We need help with running the club. We need more people in the chapter involved

Anyone interested in name tags?

The Longmont trophy shop still has our template

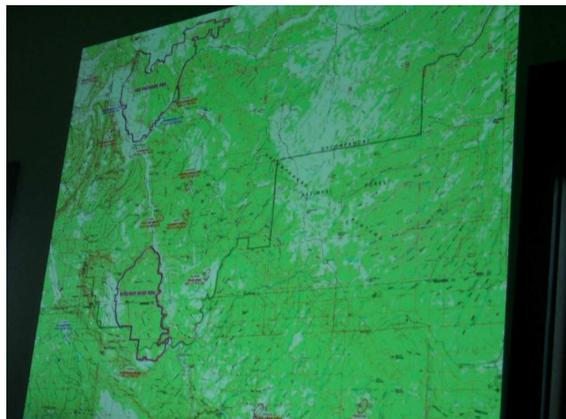
Two people need them - Rick offered to get some

We'll put a note in the newsletter

Cost is members' responsibility

Tonight 's meeting

RAF: Recreational Aviation Foundation, Patrick Romano



This group is for the promotion and protection of backcountry flying

BLM maps are useful

Google Earth

They inventoried airports and explored by plane and truck

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They interviewed strip builders  
Lots of these strips pre-date the BLM  
Many were from mining operations or ranching operations  
Some strips are eroded or temporary

Flycolorado.org - this site has good information

## NEWSLETTER QUIZ

Each month, we will ask a "question" in the newsletter. Answers can only be given if you attend 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.

**May Question:** At what engine rpm does the tip of a 74" diameter propeller moving through the air go supersonic?

### **May Answer:**

For the propeller tip to go supersonic, the tip velocity must exceed the speed of sound.

**First a bit of Physics:** The speed of sound varies depending on the temperature of the air through which the sound moves, and not on air pressure. The speed of sound at an air temperature of 59 degrees Fahrenheit is 761.2 mph. At colder temperatures, the speed of sound decreases since the molecules slow down. In a vacuum, the speed of sound is not a meaningful concept.

761.2 mph equates to 13,397 inches per second (1116 ft/sec)

The propeller tip moves 3.77X inches per second where X is a measure of the rpm of the propeller

Solving for X gives 3554 revolutions per minute. At 2700 rpm or below, we're all safe from going supersonic. As propeller diameter increases, the supersonic rpm decreases.

### **June Question:**

What is the difference between Class E and Class G Airspace?

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## AIRPLANE PICTURE OF THE MONTH (#12) — Connie and Richard Socash:

### Socash RV-7A



Building N537S, a Vans RV-7A, was a 50-50 father-daughter effort (Richard and Connie Socash) that began in March of 2002. The first flight was on September 13, 2010, piloted by our own Bill Mitchell. The engine, turning a Hartzell controllable pitch prop,

is a Superior I/O-360 which we assembled at Superior's Build School in Coppell, Texas. Primary instruments include an Advanced Flight Systems AF-3500 EFIS and a Garmin avionics stack. With a directive from one of the team members to "not make it

look like a rental," initial efforts toward comfort and esthetics were directed toward the inside, hence no exterior paint job but a Brazilian Walnut veneered instrument panel. During the build process, parts (rivets, bolts, etc.) were carried to and photographed at points of interest around the world before installation. These included many of the 14-ers in Colorado, the Arctic Circle, Marine Harrier flight over Iraq, the Metropolitan Opera and a number of foreign countries, to name a few. Also rivets were put in by friends, family and some minor celebrities. Photos were taken, the plans were signed and pictures posted to the Air Bozos website, which happens to be offline at the present time. Building was fun and flying is even moreso.

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## A Call For Newsletter Items:

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, and aviation slanted "fish stories."

## Other Items of Interest....

### **MAY MEETING: RAF**

Our program for the May meeting featured a presentation by Patrick Romano, a member of the Recreational Aviation Foundation. The RAF is dedicated to preserving existing backcountry airstrips and creating new public-use recreational airstrips throughout the United States. As a special treat for this meeting, Patrick, manager of a local Domino's Pizza, brought a large order of pizza to our meeting. Thanks to Bob and Carol Leyner for arranging the program and to Patrick for the feast.

### **Tebo Car Museum Visit**

On Saturday, May 17<sup>th</sup>, members and guests joined with other visitors to tour the Longmont facility that houses the Tebo collection of vintage cars, trucks, and special purpose vehicles. Among several hundred vehicles are some very rare gems and enough examples from the 40's, and 50's to allow for a pleasant journey down memory lane. More than one person commented, "I can't remember them being so big." All in all, a very enjoyable and worthwhile event. Thanks Steve Beach for arranging the visit.

### **Another "Beautiful Plane"**



Most recent military fighter planes lack the esthetics defining a beautiful plane. There are exceptions such as the Mustang, Sabre Jet, and Spitfire. Here's another, the Grumman F9F Panther Jet active during the Korean War. The Panther was featured in the movie, "The Bridges of Toko-Re

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## Officers:

- **President:**
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