

EAA Chapter 648

Longmont, Colorado 80503

Our Next Meeting will be January 12th at the Colorado Classic Aircraft Building on the north side of the airport.

January

2015

www.648.eaachapter.org

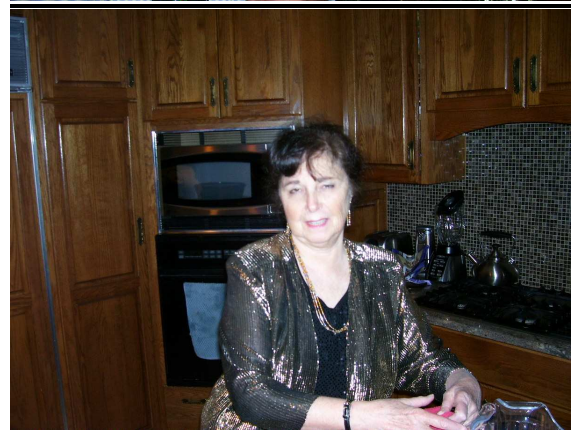


December Christmas Party Photos (see more on the chapter website):

Our Hosts: Dick and Dickie Socash

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Editor

Doug Sykes

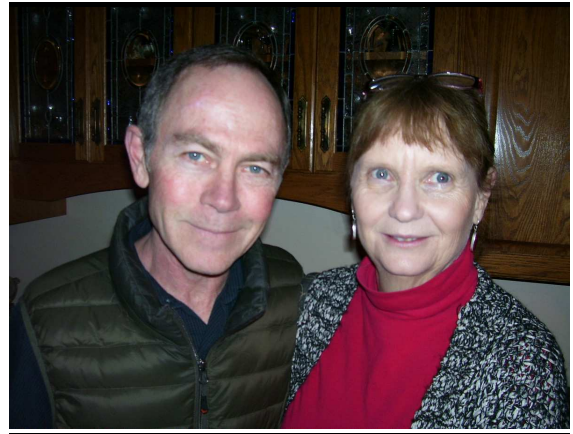
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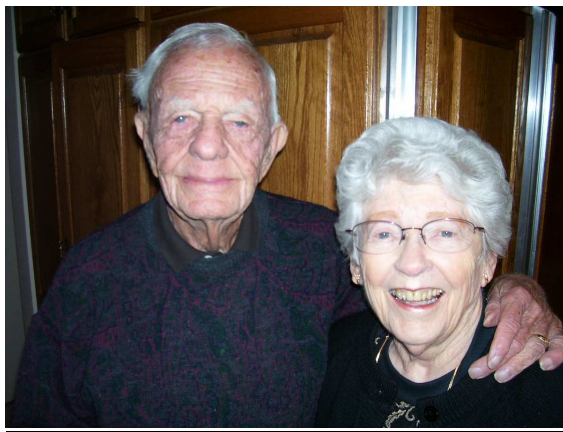
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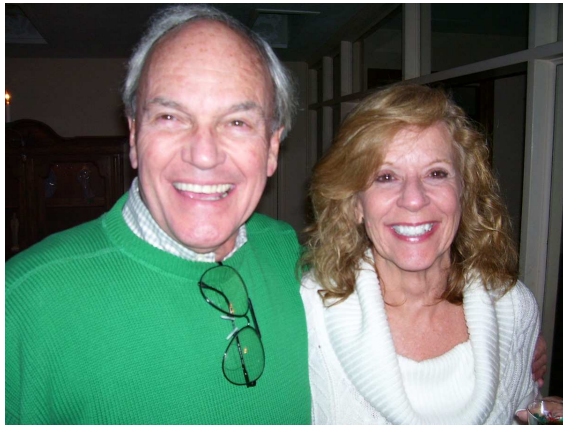
A few of the couples that attended....



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And here is what happens when someone else claims your gift!



See all of the photos on the chapter web page under the "Events" tab....

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January Meeting:

Several months ago, members volunteered to organize meeting programs for 2015. Our January 2015 meeting program will be arranged by Bob and Carol Leyner. They are going to put together a program on advanced materials and processes beyond those normally seen in Experimental aircraft.

Bob said that “most of these are ones I’ve used in past life as a Mechanical Engineer”: 3D metal printing, EDM cutting, Laser cutting, Waterjet cutting and more.....

As a reminder, the schedule for subsequent months is as follows:

| | |
|-----------|-------------------------|
| February | Dave Copp |
| March | Steve Beach |
| April | Connie Socash |
| May | Haiko Eichler |
| June | (Need volunteer) |
| July | (Need Volunteer) |
| August | (Need Volunteer) |
| September | Chapter Picnic |
| October | Bill and Mary Mitchell |
| November | (Need Volunteer) |
| December | Chapter Christmas Party |

If you aren’t on the list already, please step up and take one of the months needing a volunteer to arrange the program.

The Chapter Christmas Party

Our annual Christmas Party was held at the Socash residence in Boulder on Saturday, December 6th. Good attendance, good food, and a lot of fun for all who attended. Special thanks are in order for Rick Hall who provided the ham and to Carol Leyner who provided the turkey. It’s also in order to thank our hostess, Dickie Socash, for the decorations, organization, and managing of the party. There was plenty of food and drink brought by the attendees and provided by the Chapter. Thanks also go to Steve Beach for his demonstration of how to select and un-wrap Christmas gifts. (Attend the January meeting to learn more about this.)

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A Message from the President

As we phase out our current newsletter editor and phase in our new editor, it is time to give credit where credit is due. An organization can have the best of members, programs, and support, but if the word doesn't get out, it will fail. Chapter 648 is doing well thanks to all who contribute and take on the tasks associated with our meetings, programs, and special events. Thanks go to Ed Spengler who handled the newsletter and website activities for the past few years. You'll agree that Ed did an excellent job taking meeting pictures, putting relevant pictures and information into the Chapter's website and organizing and distributing the newsletter and special announcements. That is no small task, and to do it always in a timely fashion for a long period of time takes special effort and dedication. Ed, thank you for a job well done! To our new editor, Doug Sykes, thanks for taking on the Newsletter Editor job on behalf of the Chapter. You will have our support and assistance in continuing this important job. At this time it's also appropriate to thank the other officers contributing their time and efforts concerning the Chapter. These include Haiko Eichler, our Treasurer, Connie Socash, Secretary, Ted Keryluk, Vice President, and Rick Hall, our Young Eagles Coordinator. And don't forget the work of our two Tech Counselors, Bill Hannahan and Doug Sykes. And while I'm at it, thanks to Bob and Carol Leyner for their hospitality providing a meeting place, Steve Beach, Dave Schenk, who always answer the call for help, and all those pilots who flew Young Eagles this past year. And finally, to anyone I failed to mention by name. My heartfelt thanks and appreciation-You make the job of being your President enjoyable and rewarding.

Dick Socash

President, EAA Chapter 648

Meeting Minutes for December 2014:

Due to the Christmas Party, no minutes were reported.

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.

December Question:

The replica of Lindbergh's Sirius is being made out of Sitka Spruce and the estimated wood cost will approach \$200,000. What properties make Sitka Spruce ideal for use in wooden airplane construction? Second question: What WW2 airplane was made out of balsa wood sandwiched between plywood skins?

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December Answer:

Sitka spruce is the fifth largest conifer and can reach a height of over three hundred feet. It's possible to get long knot-free sections which are uniform in density and grain direction which provide ideal blanks for long construction members. It is used widely in piano, harp, violin, and guitar manufacture as its high strength-to-weight ratio and regular knot-free rings make it an excellent conductor of sound. For these reasons, the wood is also an important material for sailing boat spars, aircraft wing spars (including flying models), and the nosecones of Trident missiles. The Wright brothers' Flyer was built using Sitka spruce, as were many aircraft before World War 2. Aircraft such as the British Mosquito used it as a substitute for strategically important aluminum. Limited growing areas make Sitka Spruce a premium wood, much like California redwood.

The Mosquito, the fastest WW 2 airplane before 1944, was manufactured out of balsa wood sandwiched between layers of plywood.

January Question:

How many Concorde SST's were built, and where are they now?

Other Items of Interest

AIRPLANE PICTURE OF THE MONTH (Holding at #16)



Cockpit shot of Hans Rudel's Ju87-B2 flown in 1943 at Smolensk. Yes, still another Chapter 648 member's homebuilt. No N-Number and no Airworthiness Certificate... so it doesn't add to our list!

Folks, we need your pictures. Have we gotten so bad we have to show model airplanes as examples of planes built restored or owned by Chapter 648 members?

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."

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Officers:

- **President:**
 - Richard Socash 303-499-3169 rege.so@gmail.com
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