



The President's Corner

We had a good turnout for our January meeting. The subject of preparation and painting seemed to be a topic all were interested in. More information on that event comes later in the newsletter.

I observed that the fellowship and camaraderie was excellent, as good as the interest in painting! As attendees introduced themselves and said what they were working on, I could see that we have a lot of projects underway, not just those on the "dream table". Some are flying off their hours, others are ready to do so, and then there is a list of all kinds of projects underway in various stages of completion. Some are getting kind of close to finishing and others have a way to go. Cozys, Long-Ezes SQ2000, Bearcat and more underway.

This discussion between members was lively and electrified! That is what I really enjoy about our meetings! "A group of aviation enthusiasts, sport pilots and experimental aircraft builders getting together to share knowledge and fun".

We also had an old member come back to our Chapter. Welcome back Wesley Beigel! Hope you will enjoy the successes and the blunders as we work to have informative events.



Now for my Cozy project update: Last month I spoke about trashing my first motor mount. I would have finished my second before the end of January if "life" didn't get in the way. (That happens to all of us.) I am happy with it. Probably two pounds heavier that it needs to be. Guess I will have to loose some weight to compensate. Look for a really good progress next month. Or, come see me, I might put you to work!

-Glen Phelps, President

Upcoming Events

Feb 8 – SC Breakfast Club, Edgefield County Airport (K6J6)

Feb 11-13 – SC Aviation Association Annual Conference, Myrtle Beach
<http://www.scaonline.com/events/conference/conference.html>

Feb 12 – EAA Chapter 477 Meeting, 6:30 pm at the CAFB Aero Club. (see page 3)

Feb 13-15 – EAA SportAir Workshop, Griffen GA. Course: TIG Welding. For more info: www.sportair.com/schedule.html



Feb 14-15 – EAA SportAir Workshops, Lakeland FL. Courses include Composite Construction, Electrical Systems & Avionics, Fabric Covering and Sheet Metal. For more info see above.

Feb 22 - SC Breakfast Club, Lancaster County Airport (KLKR)

January Meeting Report

Seventeen members and guests gathered together at John Disher's shop the morning after near record low temperatures to attend our first painting seminar. We sure don't know why, but it seems that EAA477 is jinxed with unusual weather for many of its gatherings. Thanks to Rich Hassell, there was hot coffee and donuts to get the morning started off right.



Sherry Nelling and Myra Radford, (John's grand daughter and daughter) graciously took time out of their own personal schedules to bring this topic to us. A delightful, and attractive duo that knew their stuff.

Safety was the first topic of discussion. Most if not all of the materials, be it primer, color coat or clear coat, will have isocyanates as part of the system. Extreme care must be used in handling this material. If not handled properly, serious injury could result. Of course, any hand tools, grinders and the like need to be used with the proper hand and eye protection.

Most of the presentation was geared towards aluminum. Preparation of the surface before cleaning and etching was demonstrated on a sheet of aluminum. The resulting surface sure looked a lot worse after this process than the "shiny" surface just before the preparation. But that is what it takes for the primer to bond.



They had a prop spinner on hand that had to be cast. Sure looked good the way it was. But, it too had to be sanded well before filling and priming. It was then that some of our members spoke up regarding the prep of fiber glass/epoxy surfaces. There are these little things called pinholes (holes in the surface). If these are not filled, they only get worse with the primer and paint. I had brought my control surfaces. They did not have any pin holes, just nail holes! Our members suggest using epoxy over the surface, using a squeegee. Multiple applications will fill the holes, but not the surface. Penetration of the epoxy into the surface will result in a "hard" surface, less susceptible to surface damage.

The next step is priming. John noted that the "dull" primers could be used as a finish coat for panels, if a mat finish is desired. Final color can be a base coat covered by a clear coat, or a single stage color without a clear coat. The color coat is very thin if a clear coat is going to be used. Two colors with taped lines are easily covered by the clear coat resulting in a very smooth surface.



Above all else, we were warned numerous times to stay with the same manufacturer's "system" from start to finish. Choose one company's system (Dupont, PPG, etc.) and stick with their products only. There are small enough differences that durable finish might not be obtained with the "mixed" system.

It was easy to see that there was enough material here that it would take several sessions to go over all things in any kind of detail. But is sure was a good introduction to the complexities of painting your own airplane. There were also several handouts of PPG material for us to look at. And, I did see a couple of really good paint booths. Myra did say that she has painted a plane before, and could do it again. Hmm... if painting an aircraft is more than you want to take on I think you could make a deal with her.

Another informative and friendly gathering of "plane nuts"! Thanks again, John, Rich, Sherry & Myra.

-Glen Phelps, President

Treasurer's Report

Bank Balance as of Feb 1, 2009	\$2149.30
Petty cash and Postage	96.16
Total Cash Assets	\$2230.88

-Rich Hassell, Treasurer

Next Meeting: February 12th

Thursday, 6:30 pm at the
CAFB Aero Club.

Glen has been working with the local Garmin dealer to demonstrate a couple of their neat products, like the GPSMAP 696 on the right.

We'll also have hot pizza and cold drinks so c'mon out and join the fun!

(check www.eaa477.org for a map to the Aero Club and to get the latest updates on meetings).

-Kevin Thorp, Secretary



LowCountry Sport Aviation, Inc.
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Aviation on the Brain?

Are you a pilot? Building a project? Thinking about building a project? Or just interested in sport aviation? Check out our web site and drop in on one of our chapter meetings. See ya there!



Low Country Sport Aviation, Inc.

EAA Chapter 477

P.O. Box 62582

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www.EAA477.org



Membership Application

You must be a current EAA Member to join Chapter 477

Name _____ EAA # _____ Exp.Date ___/___/___

Address _____

City _____ State _____ Zip _____

Phone; Cell _____ Home _____ E-mail _____

Send you meeting notices, newsletters, etc. via your e-mail? Yes [] No []

Today's Date _____ Adult Membership [] Student Membership []

Annual dues: Adults \$25.00 if paid by Dec. 31 or \$20.00 if paid by Dec. 1. Students \$12.

New members after Dec 31 pay dues pro-rated at \$2.00/month adults, \$1.00/month students.

Make checks payable to "***Low Country Sport Aviation, Inc.***"

EAA 477 membership dues paid; Cash [] Check [] Amount \$ _____ Date Paid _____

Pilot Ratings (if applicable) _____ Types _____

Total Hrs. PIC _____ Experimental _____ Last Biennial ___/___/___ Hrs. since last _____

Aircraft you have owned or own now _____

Aircraft you have built or building now _____

Aircraft you would seriously consider building/restoring _____

Skills you would be willing to share/help other members in their homebuilt project _____

Other skills/talents that can help our chapter _____

Comments/suggestions, including membership in other EAA Chapters _____

Thanks, and welcome to Chapter 477!