

EAA Chapter 442 October 2010 Propwash

EAA 442 Chapter Officers:

President: Mike Hathaway ~ n698ch@charter.net ~ 423-765-9244 or 423-612-4004

Vice President: Jim Pensinger ~ jim@pensinger.net ~ 423-234-5292

Young Eagles Coordinator: Bruce Campbell brucecampbell@eaa442.org ~ 423-272-9682

Treasurer: Barry Campbell ~ barrycampbell@eaa442.org ~ 423-754-2846

Secretary & NLE: Barry Campbell ~ barrycampbell@eaa442.org ~ 423-754-2846

Technical Counselor: Jim Summers ~ summersjh@embarqmail.com ~ 423-246-7086

EAA442 Webpage majordomo: Barry Campbell ~ barrycampbell@eaa442.org ~ 423-754-2846

The chapter webpage is: <http://www.eaa442.com/> or <http://www.eaa442.org>

Minutes of the October 30th, 2010 Chapter meeting:

Meeting called to order at 12:50pm.

Treasurer's Report:

Balance \$857.32 in the checking account. Interest was .16 cents. Check #108 written to reimburse Barry for the postage \$7.51, deposit money from food donations \$99.00.

Secretary's Report:

Minutes were distributed in the September Propwash. Barry read the minutes, motion to approve and seconded, all in favor.

Young eagles Report:

Bruce past around newspaper articles from our YE events, we flew 18 in June, and the last event in September, we flew 32. The total young eagles flown

By the chapter is 802 .

Technical Counselors Report:

Jim said he was helping Mr. Waldo on his Super Cub, also visited Vince's Moni. Richard Pike is working on his Firestar II that was Ed's.

Jim Pensinger is working on his Zodiac. A general discussion about Richard's project ensued, regarding getting an air worthiness certification, Also Greg Marlow is having his RV9A painted, we also discussed the DC area access as Greg will be working up there. Round robin continued. Barry (me) back to work on his RV

After Mike came and helped me finish riveting the left leading edge.

Chapter Membership Renewal Time:

Membership in the chapter is on a calendar year basis and all members should renew their membership at the first of the year.

Each chapter member must be a member of the national EAA as well. Annual dues are \$15.00. You may renew your membership by completing the renewal form on our web site and sending the dues and your national EAA member number and expiration date to Barry Campbell, 167 Country Estates Drive, Rogersville, TN 37857 or you may pay Barry at the next chapter meeting.

Old Business:

The annual Christmas dinner will again be at the Lynn Garden Restaurant on December 4th.

New Business:

Boy Scouts scheduled for next Saturday will be re-scheduled. Mike said he was going to a class for a repairman's certificate for ELSA. A discussion

Regarding the classification of ELSA and SLSA such as the RV12.

Program:

None

A Message from the Editor

Hi Everyone,

If you are working on a project, doing repairs take a picture, and send me a short blurb about it. A lot of you take short trips out and about to small airstrips, to lunch stops, and airplane museums. We would like to hear about it and share your story. Also if you hear of an event that is not listed in the newsletter or our web site, please email me with the information. This is “**your**” chapter newsletter, and thanks to those who have sent me material. As you read the articles in this newsletter you can appreciate the articles by fellow members. It sure makes reading the newsletter a better experience for us all.

This Newsletter includes the following Articles:

Email stories and links.

In memory of our good friend and member Bob Barlow.

Barry's RV9A wing under construction: by Barry Campbell

Calendar of Events

EAA 442 Chapter meetings the next meeting November 27th at 12:30pm RVN.

Fly in or drive in, be there or be -----.

Members are encouraged to bring a desert and a friend.

DECEMBER 5 ----- MASSEY, MD

ANNUAL OPEN HANGAR PARTY -

MASSEY AIR MUSEUM – MASSEY AERODROME (MD1)

www.masseyaero.org

JULY 25-31, 2011 ----- OSHKOSH, WI

EAA AIRVENTURE – WITTMAN REGIONAL AIRPORT (OSH)

www.AirVenture.org

<http://www.eaa.org/calendar/>

Items For SALE or Rent:

If you have aviation items for sale send the information to Barry Campbell.

From Email's

Ed Neumann EAA 216,

When aircraft mechanics were still going out of their way to help pilots

Without a chute???

http://www.oshkosh365.org/ok365_DiscussionBoardTopic.aspx?id=1235&boardid=147&forumid=180&topicid=5584

Phantom Eye http://www.Boeing.com/Features/2010/07/bds_feat_phantom_eye_07_12_10.HTML

F35b, Looks like they took all of the fun out of flying it.

A VERY EXPENSIVE NEW AIRCRAFT..... Glad to see it needs a pilot!

http://www.aircraftowner.com/videos/view/f-35b---taking-stovl-to-a-new-level_1126.html

Al Campbell,

A Soyuz capsule carrying Russians Alexander Skvortsov and Mikhail Korniyenko, and NASA's Tracy Caldwell Dyson returned to Earth September 25, 2010 from the International Space Station and landed safely in Kazakhstan, a day after an initial attempt to return was aborted after latches holding the Soyuz TMA-18 craft to the orbital station failed to open.

Photos from NASA.

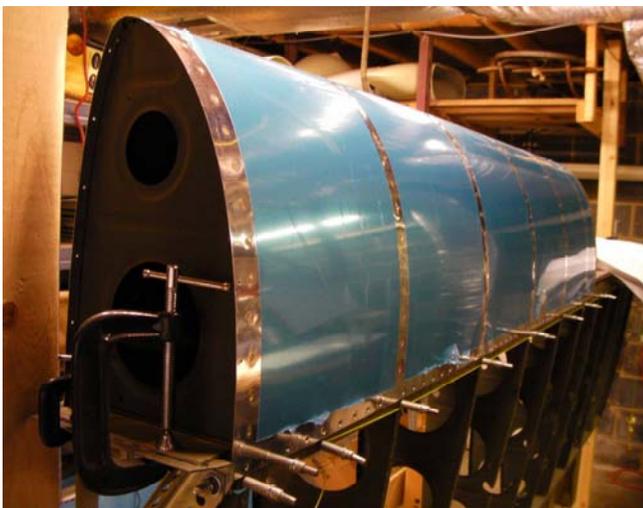
<http://cryptome.org/info/soyuz-tma18/soyuz-tma18.htm>

In memory of our friend and past Young eagles Coordinator, Bob Barlow. Bob flew 173 young eagles, several members recounted their friendship with Bob and how he was a friend, His impact on the Chapter over the years and a fine person. He will be missed.



Barry's RV9A wing under construction: by Barry Campbell

Well it has been several months since my last report, the progress was slowed by an elbow issue. However, work is still going on, I finished the left leading edge, after Mike came over to help me with the last four rows. I clecoed it onto the main spar.

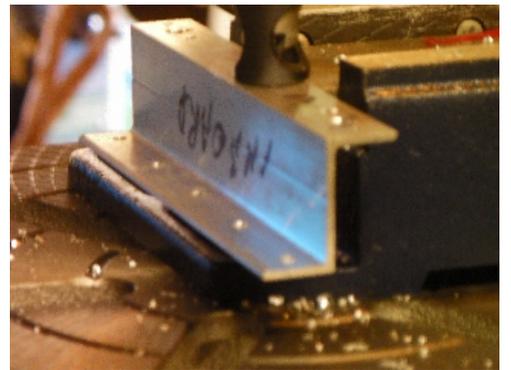
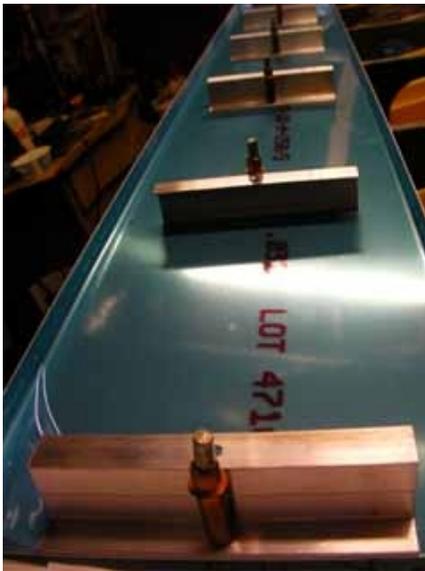


Now that the iigs are free. I started the fuel tank assembly. clecoing all the ribs in place. have to be

careful to get them in the right place as I am using the resistance fuel sending kit , and I had already modified the ribs used. The fuel tank access plate is also Different than the one using a float assembly.



Time to work on the fuel tank baffle, used the template to locate the hole in the middle of each Z bracket. Clecoed them to the baffle, squared each bracket and drilled all the holes. Put the baffle on the main spar, and located the mounting holes for the Z brackets. Drilled the mounting holes, and then used a platenut jig to drill the rivet holes, and then countersunk those holes.



The next operation is to rivet the platenuts to the Z brackets. I put them back onto the tank baffle and

tested each Hole with the bolts.



More parts are need for the fuel tank, I made the stiffeners as per the dwg. and clecoed them into place.

Also the fuel flange holes had to be located and drilled.

Stiffener



Fuel fill flange.



Now I am ready to put in the tank baffle, so all the holes in the fuel tank ribs can be drilled to the correct size. After Drilling the holes, I set up the countersink for the holes at the tank baffle location, and countersunk all the holes. Testing them with a rivet.

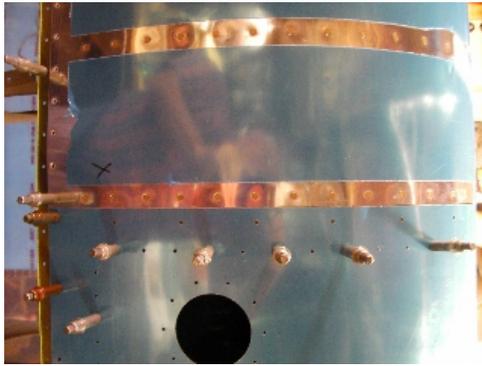


Well, the only thing left at this point is to countersink the tank mounting holes and dimpling, which I will wait To get some help. So I put the tank back onto the spar and drilled the holes where the tank meets the leading Edge.

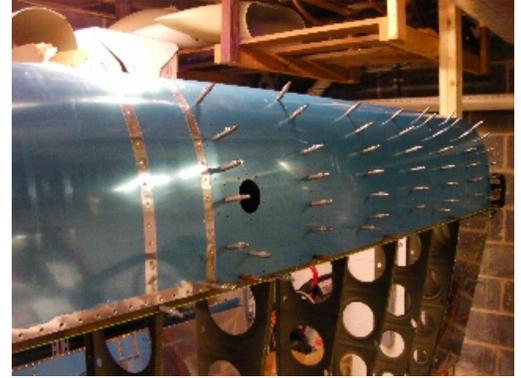
Bottom view



Top view at the joint



Top view



I talked to Mike and my son who both said that sealing the tank is so messy, that I ought to do both at the same time, not to mention that the sealant has a limited shelf life, so that is the plan. I ordered the sealant, and will start the right tank assembly while I await some help with the dimpling and countersinking process. Until next time, hope you enjoyed the up date. Barry