

Luscombe 8A

To: The Restoration volunteers, BAS-Serco employees and anyone you think may be interested

Compiled By Frank Williams, Having Fun

Date: 21 April 2010

Subject: Restoration of VR-BAK

Rebuilding Bermuda Aviation History one rivet and another and another at a time

We get to pick up the last two weeks of work

Plywood was cut out so we could place the seat on something.

More Rivets were put into the fuselage and then we started on the floats
I thought that a little more cleaning up and some fibreglass would be fine but David Z suggested this would not be the best method and convinced me that I would like to spend the next hour and a half drilling rivets



So now we have a much bigger hole in the float and the start of a very nice patch



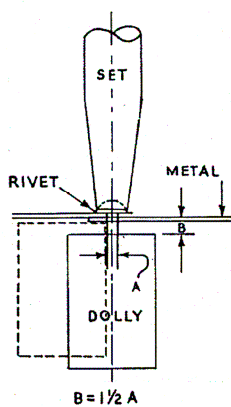
And as we enter into week two the pontoon starts to shape up

What He did not realize that this will require the bucking of rivets to make sure that the pontoon



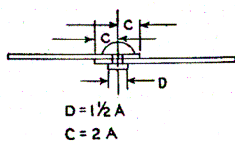
looks right and stays waterproof. So what bucking rivets ?

Technical Knowledge Section
Taken from the original Luscombe Manual



The rivet head should first be set down tight against the work by holding the set firmly on the head and the dolly alongside the rivet shank and hitting the set a light blow with the hammer.

The position of the dolly when setting a rivet is shown by the dotted lines. Then place the dolly against the end of the shank (as shown by the solid lines) and strike the set several blows until the head is formed. Keep the set, rivet, and dolly all in a straight line or the head may not form evenly. The diameter of the finished head should be $1\frac{1}{2}$ times the original diameter of the shank and the manufactured head should be tight against the work.



So in the next couple of weeks we will be making a lot of noise with the air hammer



More Patching



David S and Susan carried on with the wing patching with a couple of patches around the strut supports



David used epoxy to seal the joints on the starboard wing while Susan added the more rivets to the fuselage



Now that summer is nearly upon us people's social responsibilities do not always align with the standard renovation times For those who would like to work out side of the normal times please let me know I can arrange to show you how to turn the lights on and gain access to the building if you do not know already.

I will be working next **Sunday from 2.00** pm please let me know if you will be attending

Cheers Frank