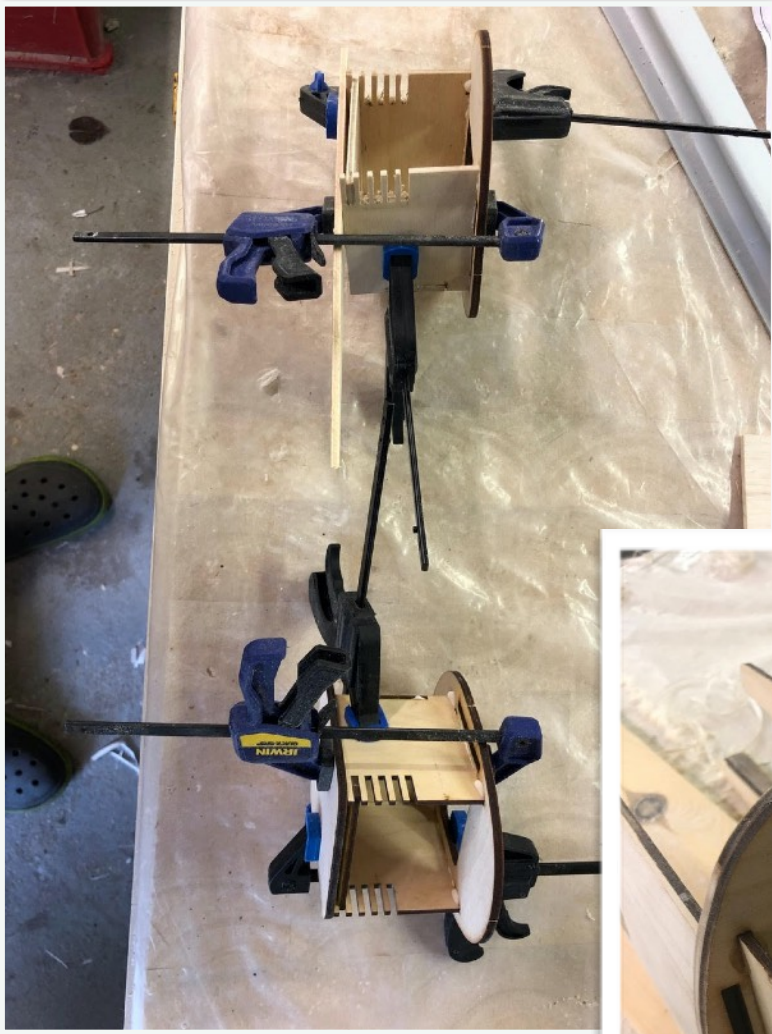


# Ron Gray, Warbird Replicas

## BF110 build, 5

This may come as a shock to those who know me but I've changed my mind and the BF will be leccy powered, not IC. I won't go into the reasons behind this change of heart but it meant that I had to change the nacelle builds to incorporate engine boxes. The kit should have had 2 but either I've lost 1 or there was only ever 1 in the box. No matter, it only meant having to fabricate the bits out of ply before being assembled and glued to the nacelles.



The design is quite clever with an adjustable front mount to suit a wide range of motors.

The wing was joined using Gorilla Glue (white) and then the balsa LE was glued in place.





A hole was cut in the top surface to allow the servo cables to pass through.



And then the joint was reinforced with glass cloth and epoxy resin.





Next I marked out for the ailerons and flaps and removed a strip of veneer on the top and bottom of the wing.



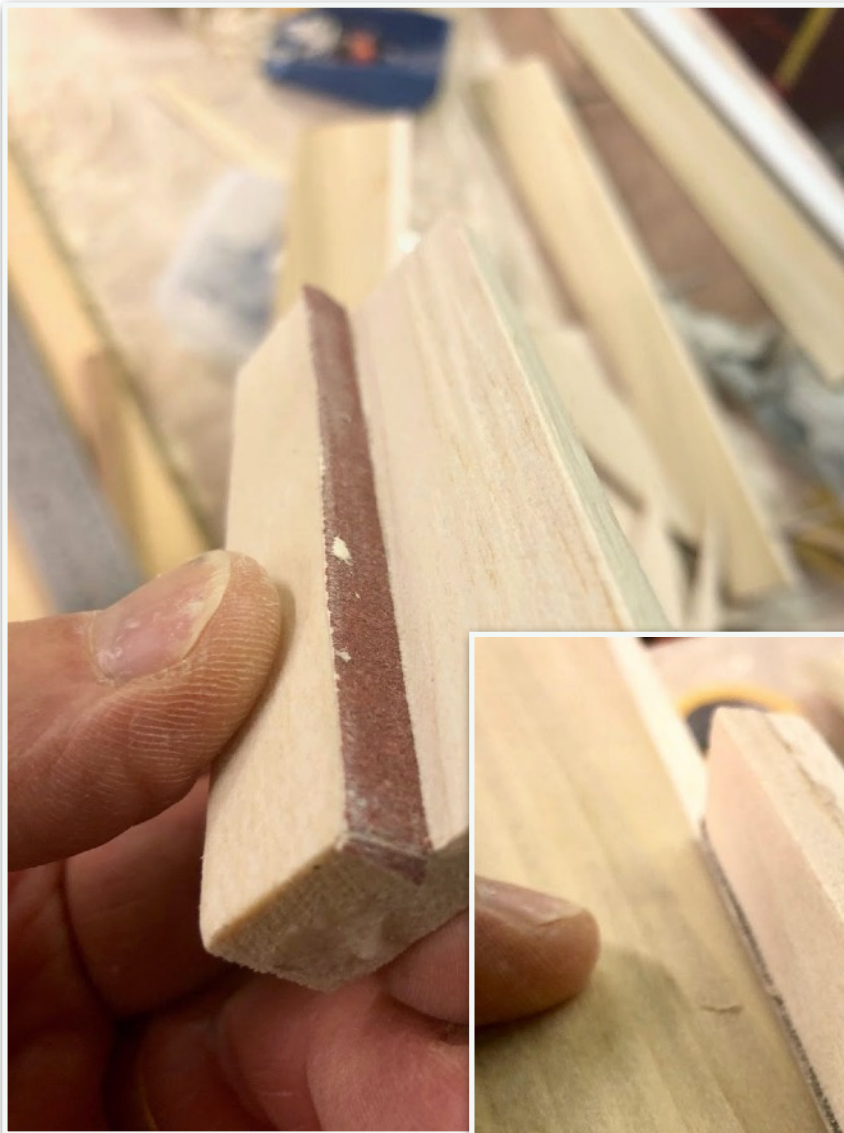


I then cut down the middle to separate the flaps and ailerons from the wing and cut the foam back with my soldering iron foam cutter.





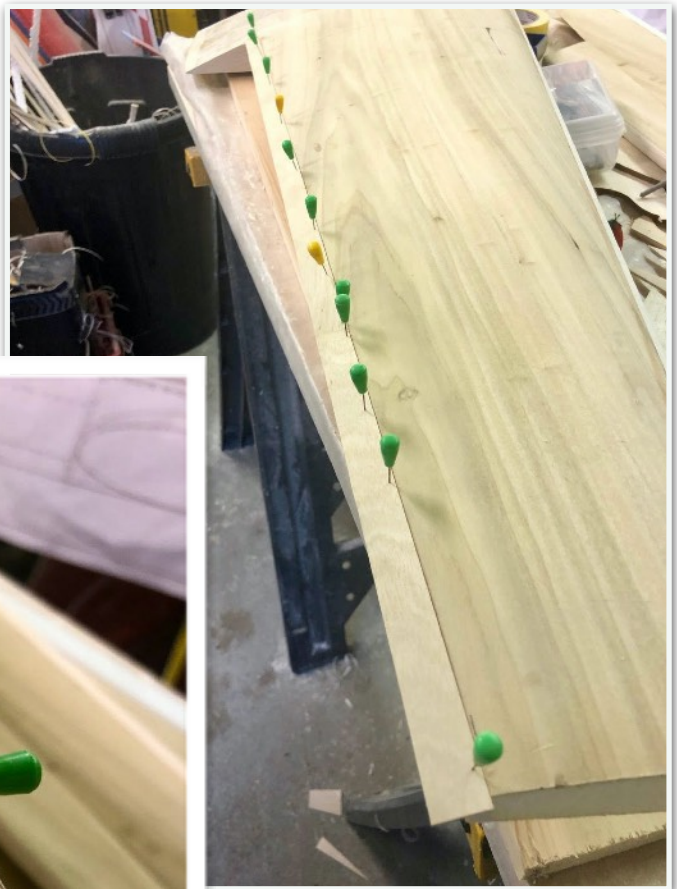
The balsa false TEs were then added but these then needed to have a shallow recess cut into them as I had decided to have concealed hinges on the wing. to achieve this I stuck a couple of pieces of balsa together and glued some sandpaper to the edge of one of them.



Running this up and down the TE a few times soon had the recess formed.



Into which I could then glue the thin ply hinge cover strips.



Fortunately the full size only has the top surface with this cover strip so the underside has been left open.



The Robart hinge pockets were then cut out in the aileron LE.





The aileron servo pockets were cut out and the ply servo boxes added. I'm hoping to be able to hide the flap servos in the nacelles.



And finally the wing tips added and carved / sanded to shape.





This was then followed by an intensive sanding session for the whole wing, a good dusting and then the laminating film applied. I know I said this on the LA-7 build but laminating film is brilliant!

