

# Ron Gray, Warbird Replicas

## BF110 build, 2

I did warn you that this was going to be a slow build!

I've managed to grab a few half hours here and there over the last week or so and there has been some progress!

After framing up the fins as shown in the last set of photos, they were then skinned with balsa



Rudders and elevators were constructed in exactly the same way, a sheet balsa core with ribs, LE and TE. These will not be skinned with balsa but with Solartex to mimic the fabric covering on the full size.







To operate the rudders there is a control horn (ply) that has to be glued to them and it projects, at an angle, into the elevator. The fin needs a bit of fettling to allow the horn to pivot and to give sufficient movement. As a metal quick link will be used to connect the pushrod to the horn I have inserted a 'bearing' into the horn which was cut from a cotton bud.







The tail pieces are now ready for final sanding and covering but I'll leave that until the rest of the model is ready too as I want to make sure that the servo installation and pushrods all work as planned!

Next on the agenda, following the instructions, is the assembly of the engine nacelles. These are mainly framed up in plywood with the cheeks having double layer top balsa added which can then be sanded to the correct profile.

A collection of parts (I've already assembled some of the bits shown):



Side cheeks



Access hatch





Retracts mounting plate



Mock up of the nacelles





Having ascertained that they would assemble, here they are glued and clamped.





A collection of bin bits after removal of the various parts. I will keep going back to the bin for odd off cuts though!

