

SIG Rascal 110" renovation, 11

The repairs and improvements to the wings continue.

New flap being made with ply hard point for control horn mounting.



New flap servo mounting plate fixed and underside balsa sheeting added and I remembered to fit the servo cables in place before the sheeting went on, much easier than leaving a draw string in.

Now on to the wing tip. I cut back some more of the old balsa that showed signs of previous repairs and fitted a rib doubler so that the new sheeting would have something to stick to.



Underside

Tip sheeting cut out and ready to fit.



Then it was out with the razor saw and knife and the other wing was attacked to cut out the wing section ready for the new flap. I took a lot of time over this as I wanted to make sure that the piece I cut out was good enough to be used as the flap.

This next picture shows the wing with the false TE being stuck. Each rib had to be cut back, within the existing sheet covering to allow for the TE to fit, another fiddly job.



The new flap with its top sheeting added and the wing cut off ready to be converted into a flap.



Jobs left to do:

Second wing half - complete flap, fit flap servo mounting plate, cut hole for servo cable, run servo cables through wing.

First wing - finish off wing tip and fit locating dowel and wing bolt reinforcing plate.

Both wings - thorough sand and fill any low spots or dings (I made a couple of LE dents when I banged the wing against the open garage door!)

Then it's the covering!!!