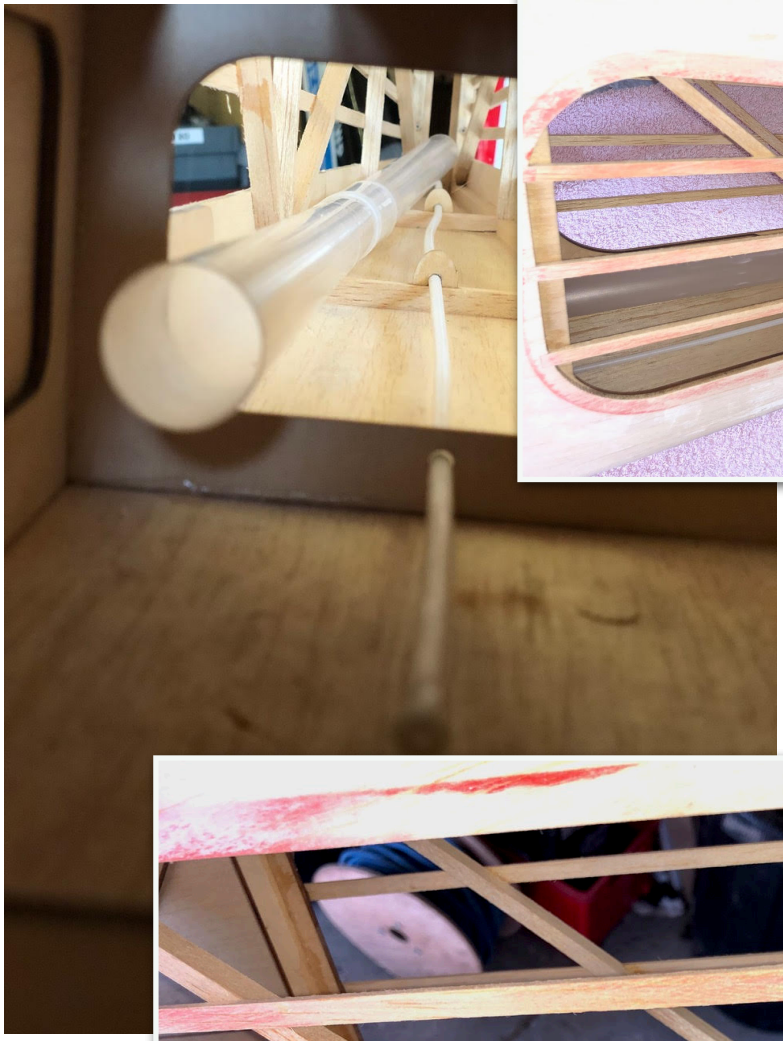
SIG Rascal 110” renovation, 5

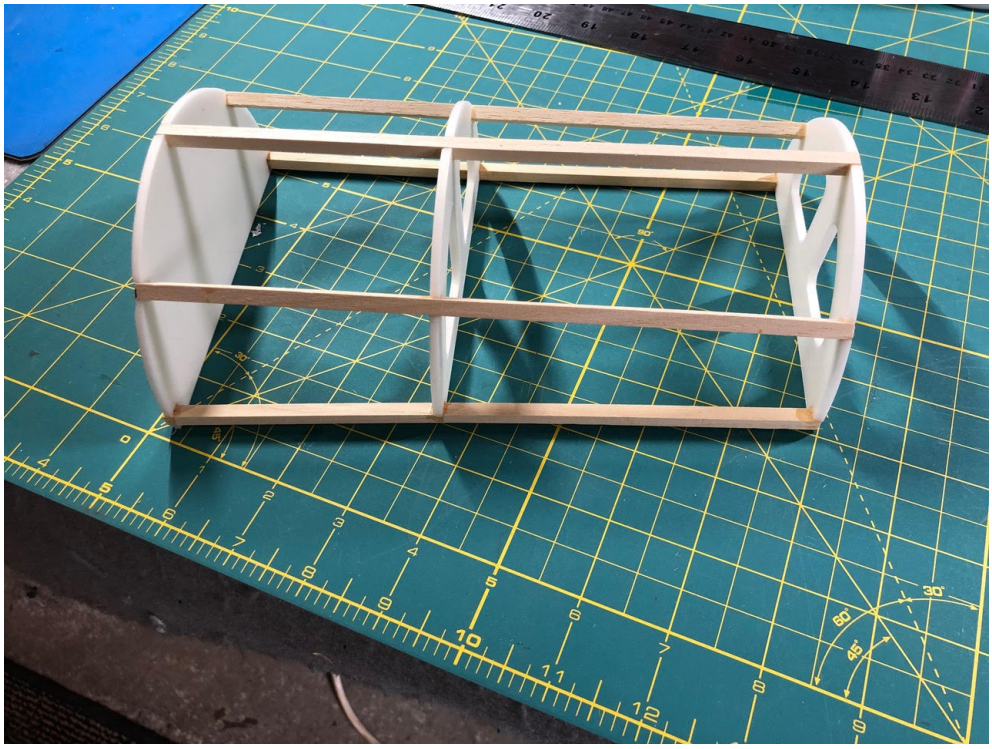
When I dismantled the Rascal I noticed that as well as a rear cutout for the elevator servo there was one on the other side of the fuse, presumably SIG made it that way in case anyone wanted that instead of a pull pull system for the rudder. So I decided that is what I will be doing, there’s no problem with having that weight in the tail as there is plenty of room to move the flight batteries forward, in fact I would rather they were as that will make it easier changing them!

However, I didn’t like the idea of two lots of servo cables dangling around in the fuse so I created a cable ‘duct’ using plastic tubes that some Christmas marzipan was rolled on!

You can just see it glued into the bottom of the fuse



With that now sorted I turned my attention to the battery hatch using new formers created on the 3D printer



And then it was back to the covering, top and bottom first, these were easy although the bottom piece is 1800mm long!

The side pieces had to have the cutout formed for the red panels and this was a right pain to get right, lots of measuring and checking before cutting. In fact I ended up placing the uncut sheet on the fuse then shining a torch through from

underneath so that I could see, and mark where the cutout should go. Then back to the cutting board and using various pots and a soldering iron holder was able to cut the radiuses corners to a very close match of the original.

Many blades later and a lot of time later (2 hours per side!) I ended up with this

I made 2 small mistakes whilst carrying out the covering but for one I can rectify it and for the other I will just leave it as it is. All in all I'm very pleased with the results.

Next up, finishing off the hatch then, the wings!!!!