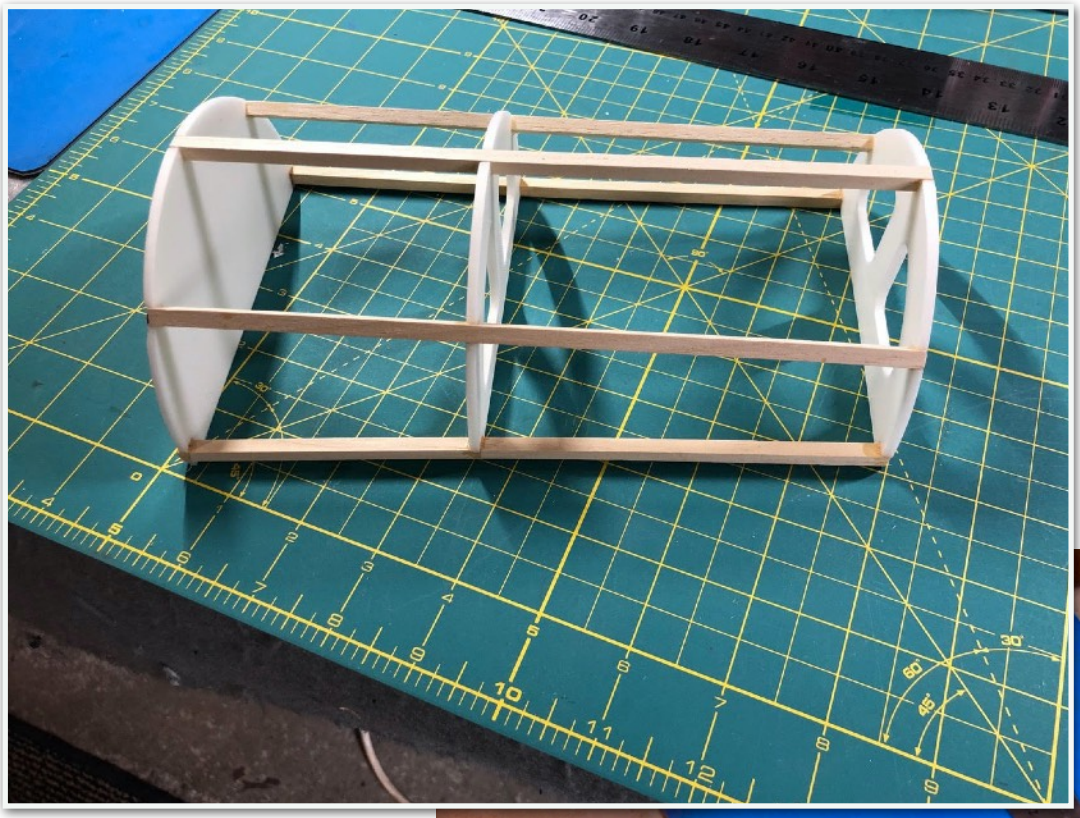
SIG Rascal 110” renovation, 7

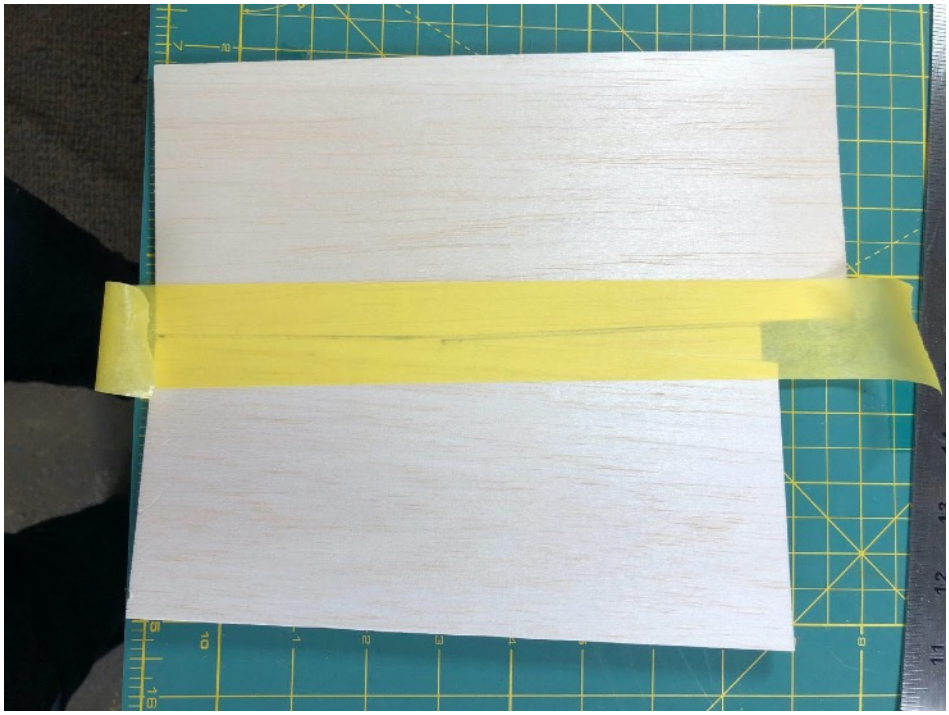
Not much to report but my attention has gone back to the hatch whilst I await my balsa delivery from SLEC (will be here today - brilliant service).

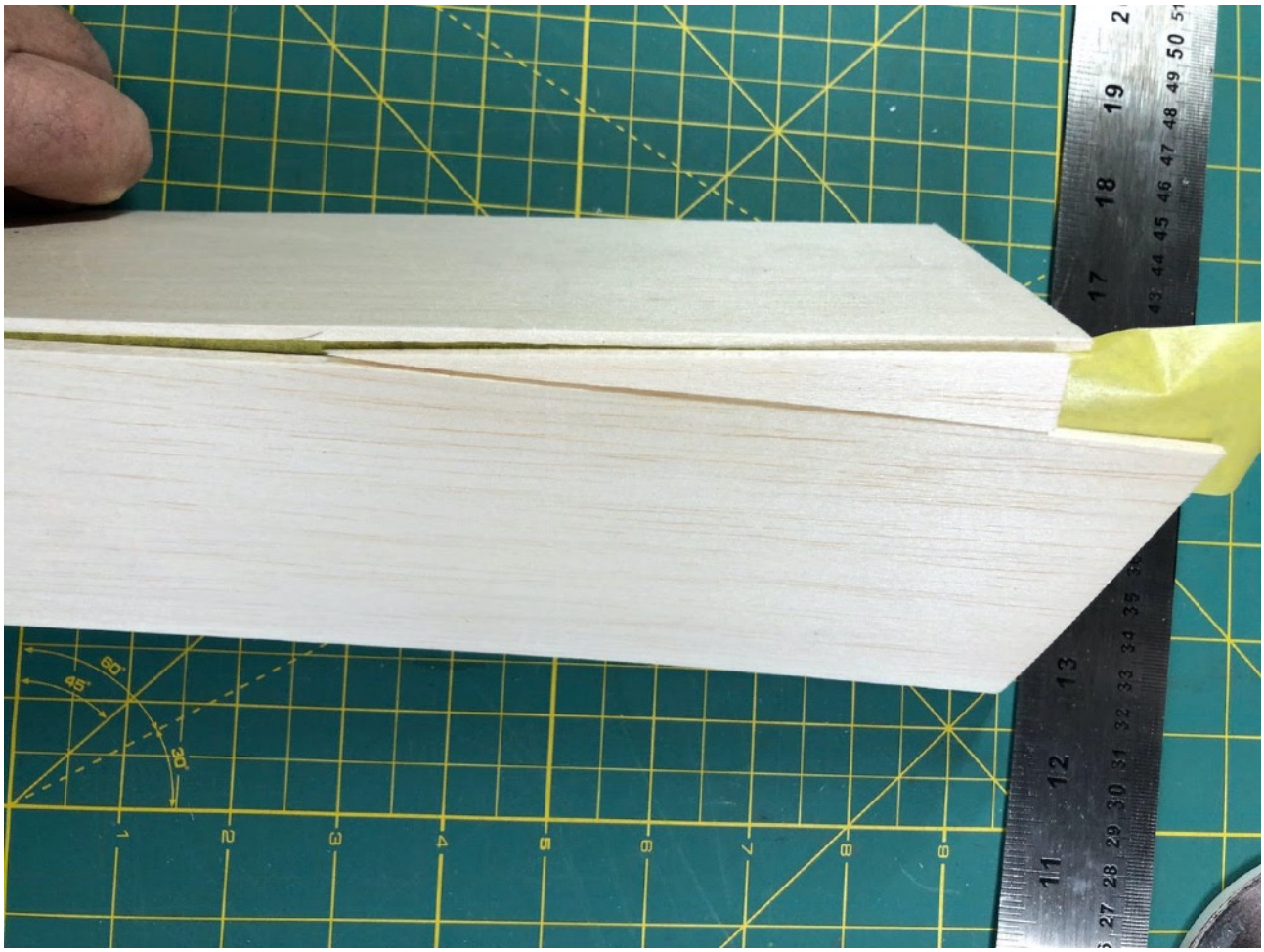
If you recall I cut off the top of the fuse to allow better access for the flight batteries.

But I wasn't too happy with either the condition of the existing or the shape of the rear of it as a 'real' dashboard certainly wouldn't be sloping back the way this one is, and yes I know this isn't a scale model but I want it to look a little bit more scale! So I remade the hatch using a combination of 3D printed formers and balsa.



The sheet balsa for covering the hatch was cut and joined together using teh tried and tested method of tape one side, fold back, glue then lay flat with weights until dry.





Once dry I then wet the outside of the sheet and bent it over the formers and left it to dry. This gives it the basic curved shape and makes sticking it onto the framework easier.

Once stuck on and dry I offered it up to the fuse and also tried the fit of the windscreen.

The windscreen is something I've got to work on! I've ordered new one from SIG but don't expect it to arrive any day soon so I'll try and repair it or may even have a go at 3D printing a new one.

Meanwhile back on with the ‘bonnet’ and covering time.

Followed with the trim, I used some Solartrim as I don’t have any red film in stock.

And yes, there is a slight crease in the covering and you may ask why doesn't it go down to the bottom edge. The reason for this is that I don't like an edge of film right on a small edge of structure as it can lift. Well that's the official reason but the truth is I cut it too short!

And a trial fit to see what it looks like

Now onto the dashboard.

Then I got a bit carried away!

Saw this picture on the ‘net so decided to design a dash around it

In my 3D print software, Fusion 360, I designed a dash with cut outs for some of the instruments

Then covered the paper print out with some clear tape (to give the illusion of glass).

The 3D printed dash came out OK

So stuck the dash paper print to the back of it

Then stuck it to the ‘bonnet’

It even has potential for night flying mode!

Off to check my SLEC delivery now so that I can get back to the wing re-build/ repairs.