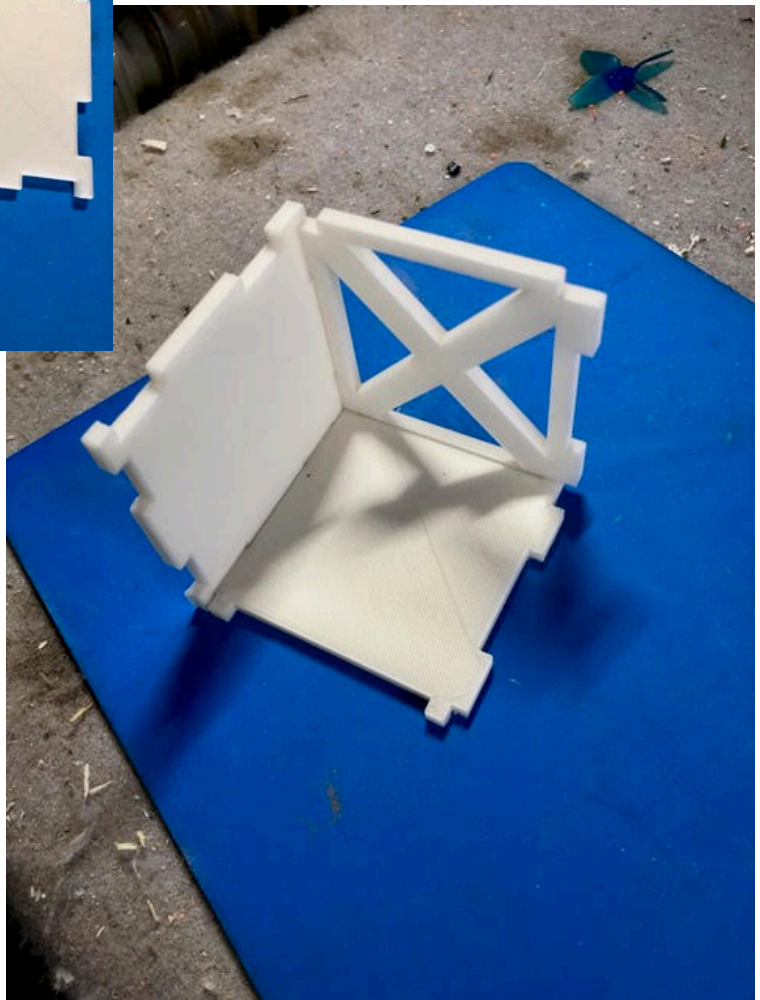
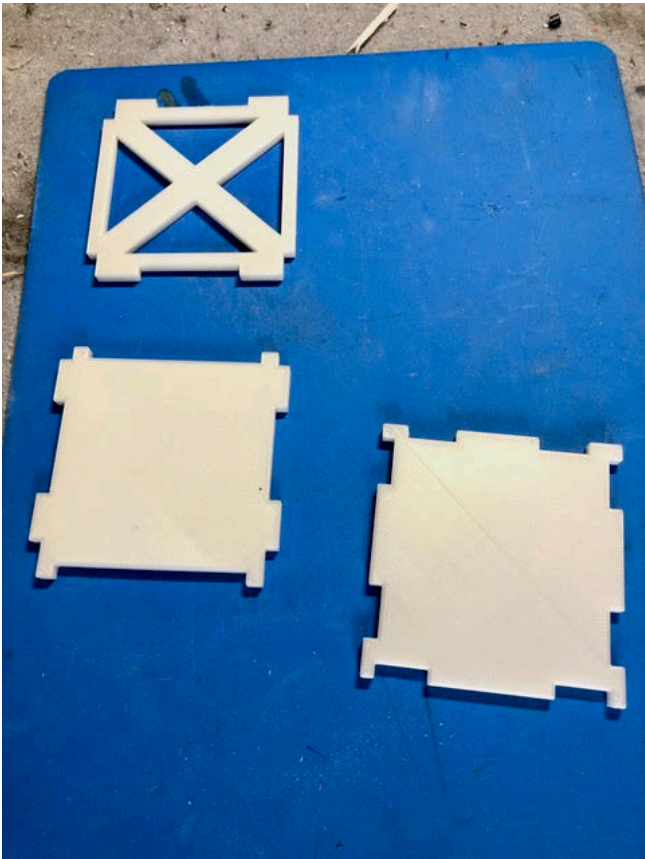


SIG Rascal 110" renovation, 3

I needed to make a mount for the electric motor (by the way it's a Turnigy G160 290) so instead of stand offs, I decided to make a motor box. To help me in this I first made three parts of it using the 3D printer as this would allow me to check it all out to make sure everything fitted. The 3D parts were then used as a template to mark up the plywood which I then cut on the scroll saw.



Obviously only 3 parts were needed as they repeat to form the box.

The box mounted



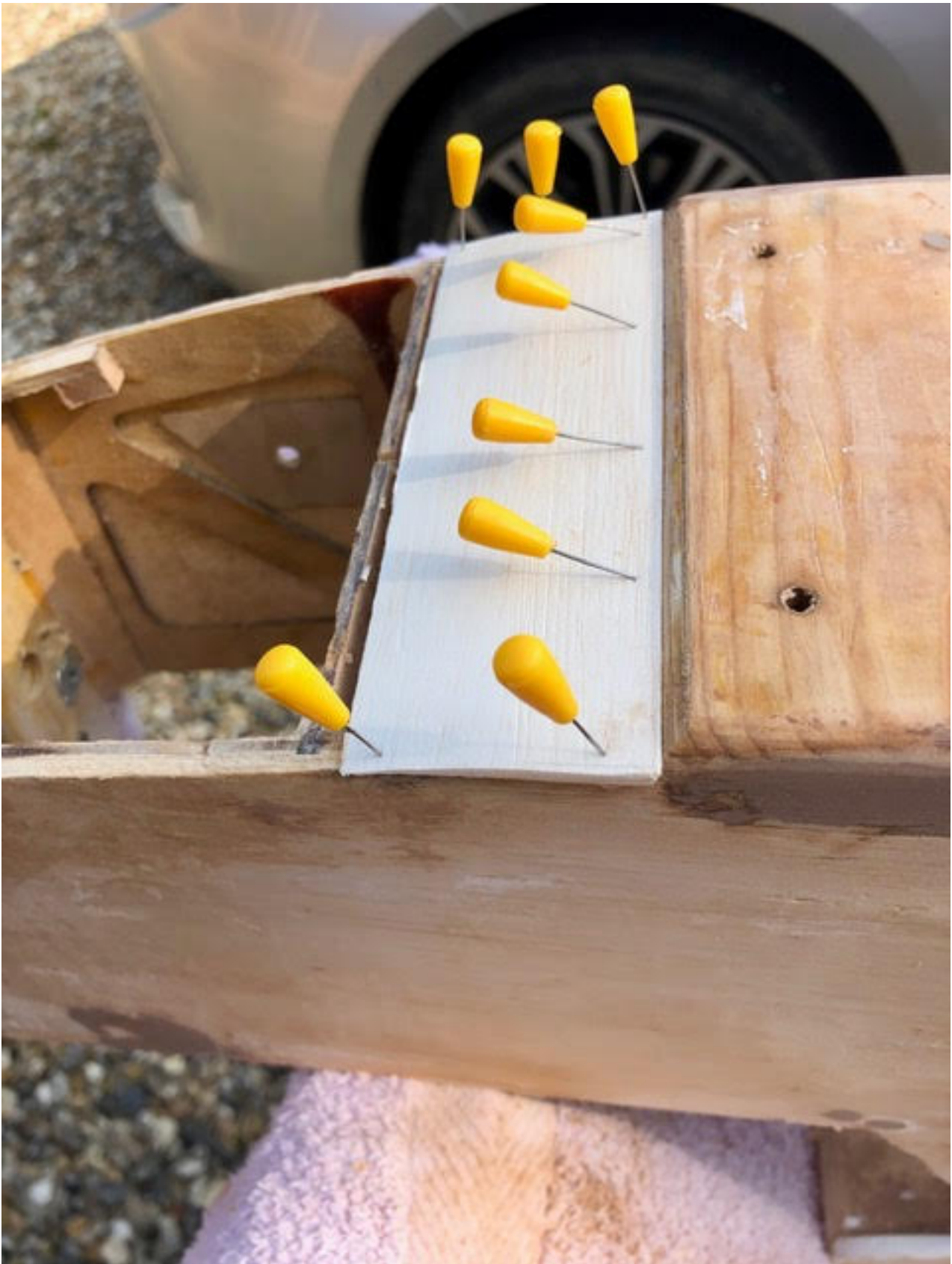


But as I had now cut away the top of the fuse behind the firewall for the new battery access, it meant that there is little support for the firewall / motor box. The problem I now had was that the space underneath the box is where the rather large 120A ESC goes, but then I had a brainwave! Some months ago I was in the process of

disposing of an old bird feeder but I noticed that it had rather nice alloy perches, so I saved those, just in case. Bingo, a bit of bending, hammering and drilling and here we have 2 motor box supports which should still enable the ESC to be fitted under the box (tbh I haven't checked to see if it still fits!).



Now I got back to balsa work on the fuse, filling in the opening in front of the U/C. Not straightforward as the U/C mounting plate is somewhat thicker than the balsa used to cover the fuse so i had to layer the balsa to make up the difference.





I've now got to put my thinking cap on to see how I can make the top half of the fuse (battery hatch) removable.

And the covering has started!

