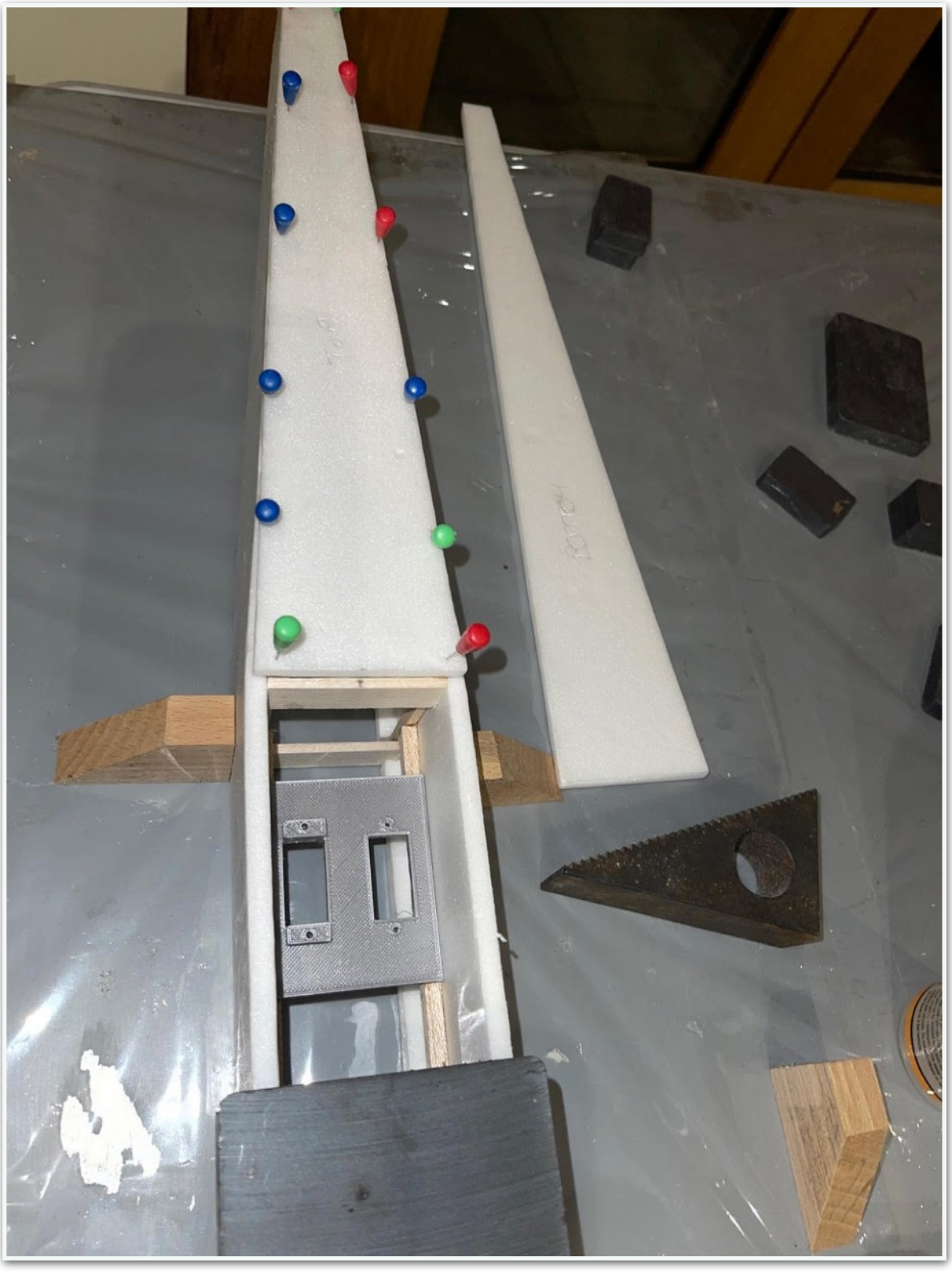
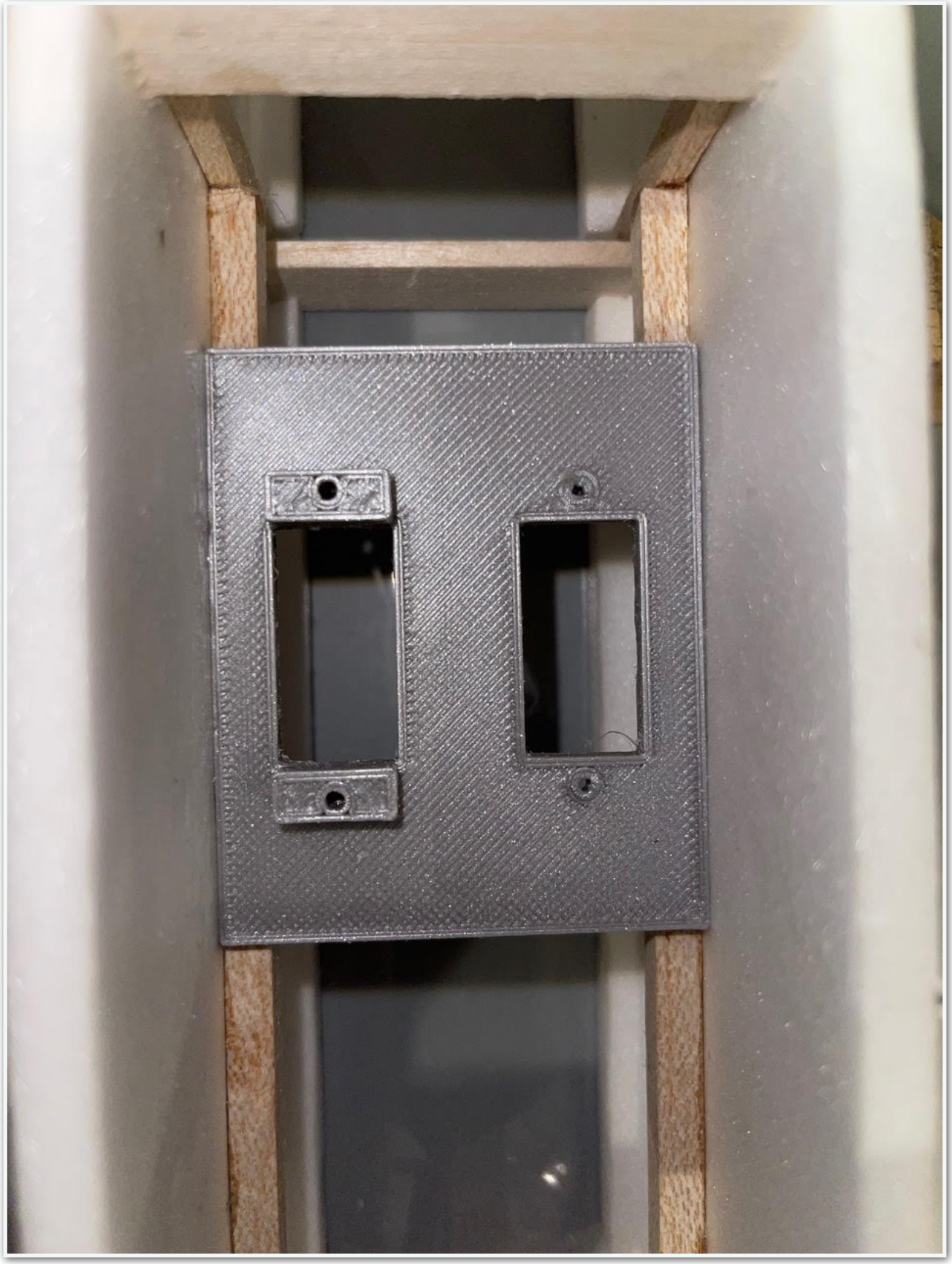
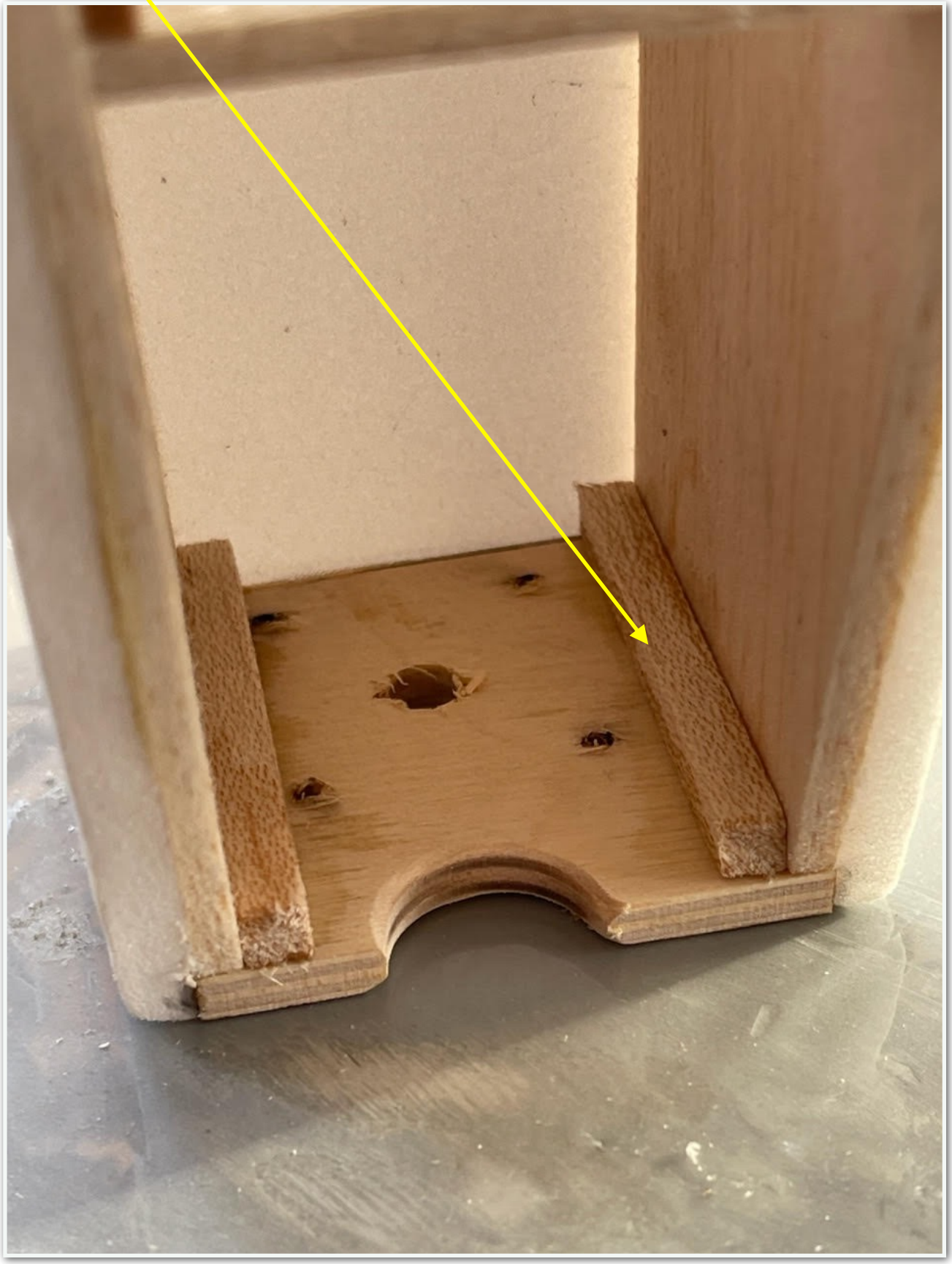
Hanky Planky, Foamie Version - Part 2, by Ron Gray

With the fuselage formed the next job was to install the servo tray which I made using my 3D printer (note that I later found this to be unnecessary).





The engine former was marked and drilled and then glued in position with some balsa strengtheners behind.




GORILLA

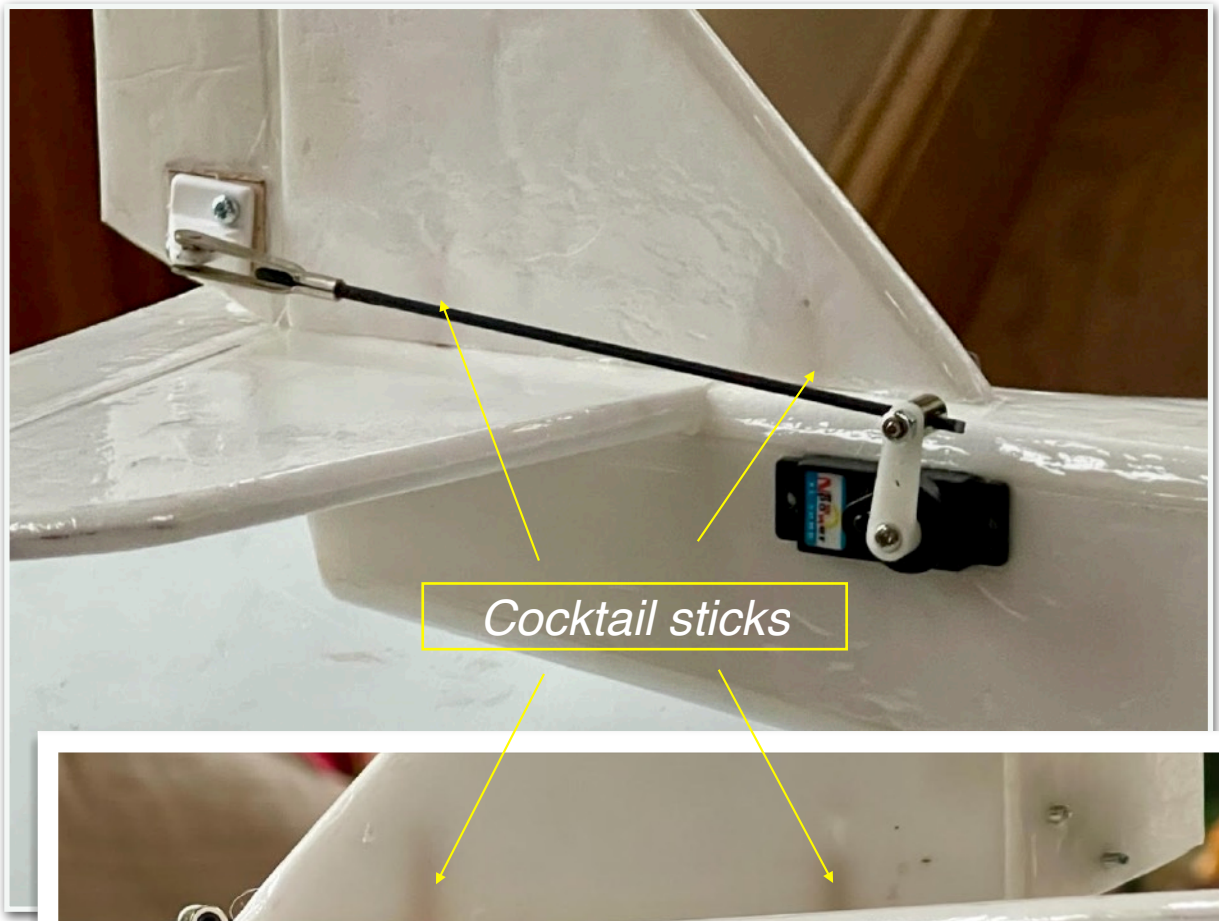
Underside nose and belly sheeting was then added to complete the fuselage ‘box’.

The great thing about Depron is how easy it is to sand so an hour later all components have been rounded or aerofoil sections created which then meant that I could apply laminating film. This works great on a lower than normal (100º) setting and doesn't damage the foam, but is optional.

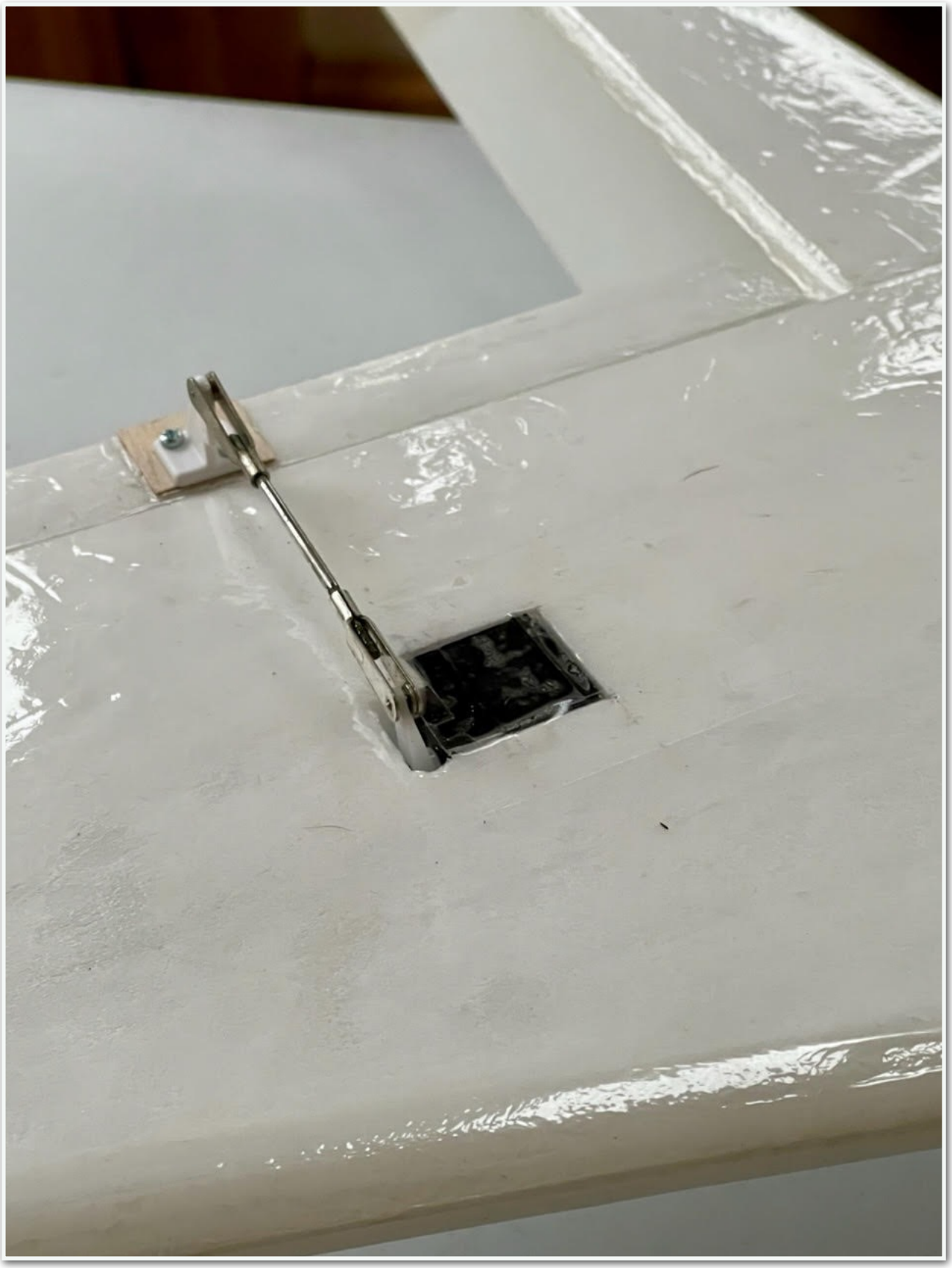
Next I stuck the tailplane to the fuselage followed by the fin which had a couple of cocktail sticks stuck in it and through the tailplane for additional strength. All hinges were formed by the 'overlapping covering' method with the exception of the rudder which uses mylar hinges. I couldn't resist putting it together for the next shot!

I originally planned for the tail servos to be fitted on the 3D printed servo tray in the fuselage. When I came to check the C of G it was apparent that the model was very nose heavy so I decided to fit them into the tail of the fuselage rather than having to add weight.

When fitting the control horns I cut out some thin ply plates to reinforce the foam.



The aileron servos were fitted by simply cutting out holes in the wings and holding the servos in place with clear packing tape!



Finally the under fuselage battery access hatch was hinged using reinforced tape and a latch made from an old servo horn.

And here is the finished model all ready for a maiden flight and the Wacky Races competition next year.