

# Ron Gray, Xtra Wot build, 1

The box of bits, excellent quality of balsa and ply, good CNC cutting and pretty good destructions too.



And we're off!

Following the excellent instructions and sketches the fuse was first up on the agenda and joining the balsa outer pieces using masking tape over the joints, folded back, glued then pinned onto the workbench tape side down. I'm using Gorilla Glue White for most of this build as I find that it sets quite quickly, is strong and dries clear, oh and it sands very well too.

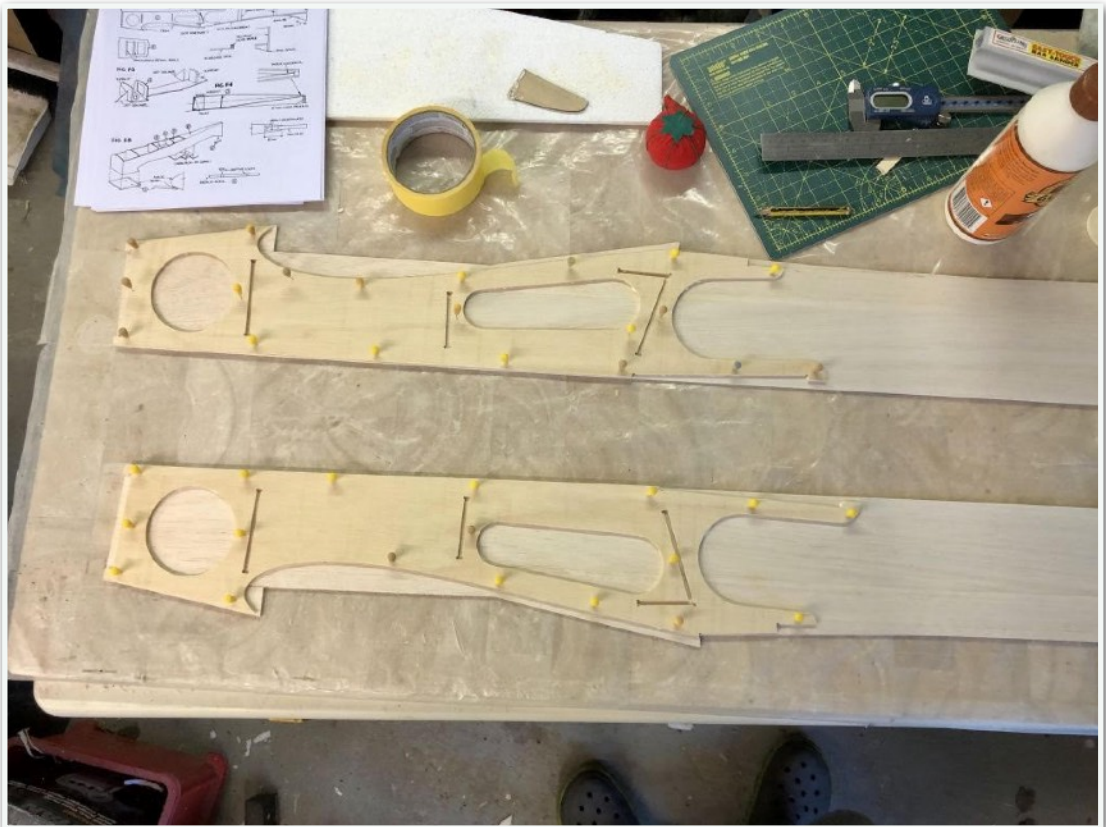




Excellent quality cutting of the parts means very little sanding required to get a good fit.



Once the glue had set then it was fitting the ply doublers (yes making doubly sure that I had a left and right part!).





Balsa stiffeners and longerons added, together with the tail post.



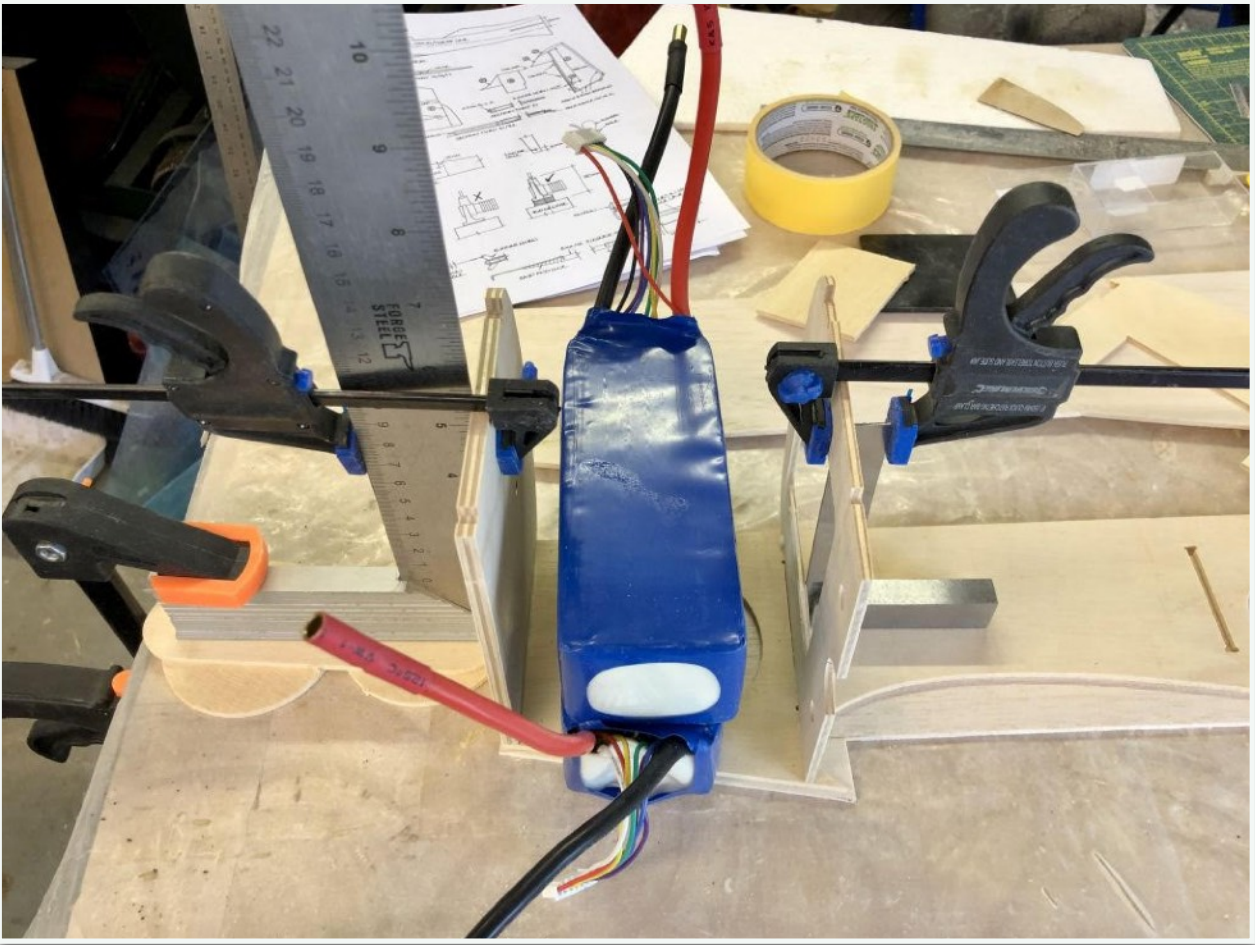
Quickly progressed to the formers which have to be removed from their parent sheets but you can see the quality of the CNC routed parts



And this is the tool that I use on ply parts to cut them from their parent sheet



Engine bulkhead and first former fitted making sure that everything is lined up correctly, lots of clamping and good use of 6s batteries!



Opposite fuse side fitted with other formers temporarily fitted in position (the fuse has to be drawn in at the tail for these other formers to fit).



And to support the tail whilst the glue was drying an offcut from one of the parent sheets.





I keep meaning to make myself a jig but progressed without one using set squares and front to back aligning to make sure everything was square. To be fair having made sure that the front end was square when I fitted the first 2 formers, very little adjustment was necessary to make sure the fuse wasn't twisted when it came round to pulling in the tail end but a jig would have made it easier (make one!!!!).





And then it was a matter of fitting the remaining 2 formers and the servo tray.



Cockpit floors added, I've gone for the '2 seater' option which gives a longer canopy which I think suits this model, so there are 2 floors to fit. Also fitted the balsa sheeting to the top rear of the fuse.



Seemingly there have been some instances of the tail section failing so I took the precaution of adding some thin ply doublers to the rear section of the fuse sides, about on the line of the tailplane LE. I also plan to mount the tail control surface servos in the rear of the fuse so these ply pieces will give them some more support. The cross pieces you see in the following shots are temporary braces I put in there whilst the glue sets (yes I should have stuck the ply in before joining the sides together!)





