

Ron Gray, Warbird Replicas

BF110 build, 3

The build continues at a very reduced rate!

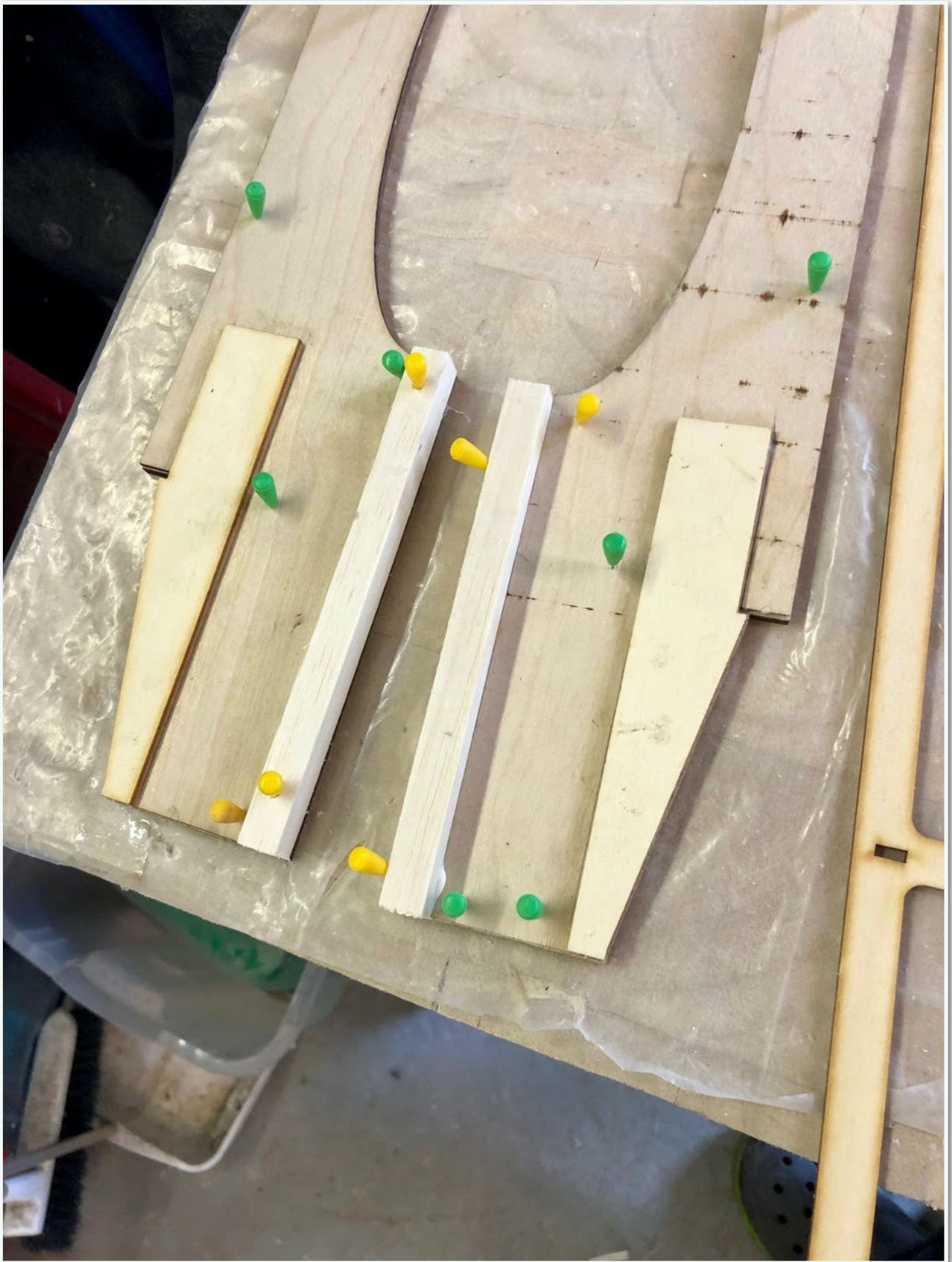
Fuselage construction up next. Nothing unusual here, standard balsa sides with ply doublers, making sure that I build left and right hand versions!



And whilst that was drying I glued the crutch pieces together.



Not only doublers but treblers too!



The fuse sides get glued to the crutch in the centre section only, I'll draw the nose and tail together after this section has dried.



Tail pulled in, clamped and pinned.



Before going any further I thought it best to fit the servo which will operate the rudders. I've deviated from the kit here as that calls for a bell crank assembly to be installed in the tailplane but I wanted to mount a lightweight servo as there will be less slop in the linkage and, as it turns out it will actually be lighter than the bell crank and pushrod! The servo is a Bluebird 7.5g one with 3Kg of torque (I use these on my F3K and F5J gliders).

Just to make sure it will work I dry assembled the tailplane onto the fuse.



Once happy that this would indeed work, I set about covering the tail using laminating film for the fins and tailplane and Solartex for etc rudders and elevators. I then silver soldered a control horn to the elevator joining wire and was then able to glue the hinges in place.



A slot was cut in the ply crutch to allow the horn to pass through and connect up to the snake.



