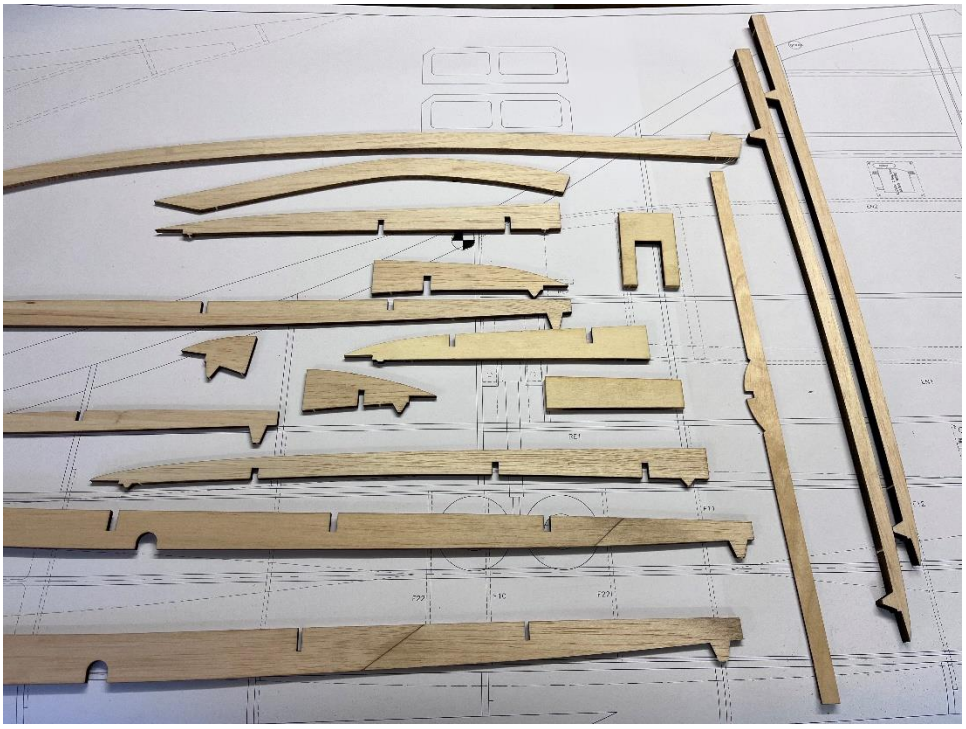
48” EDF Concorde Build photos

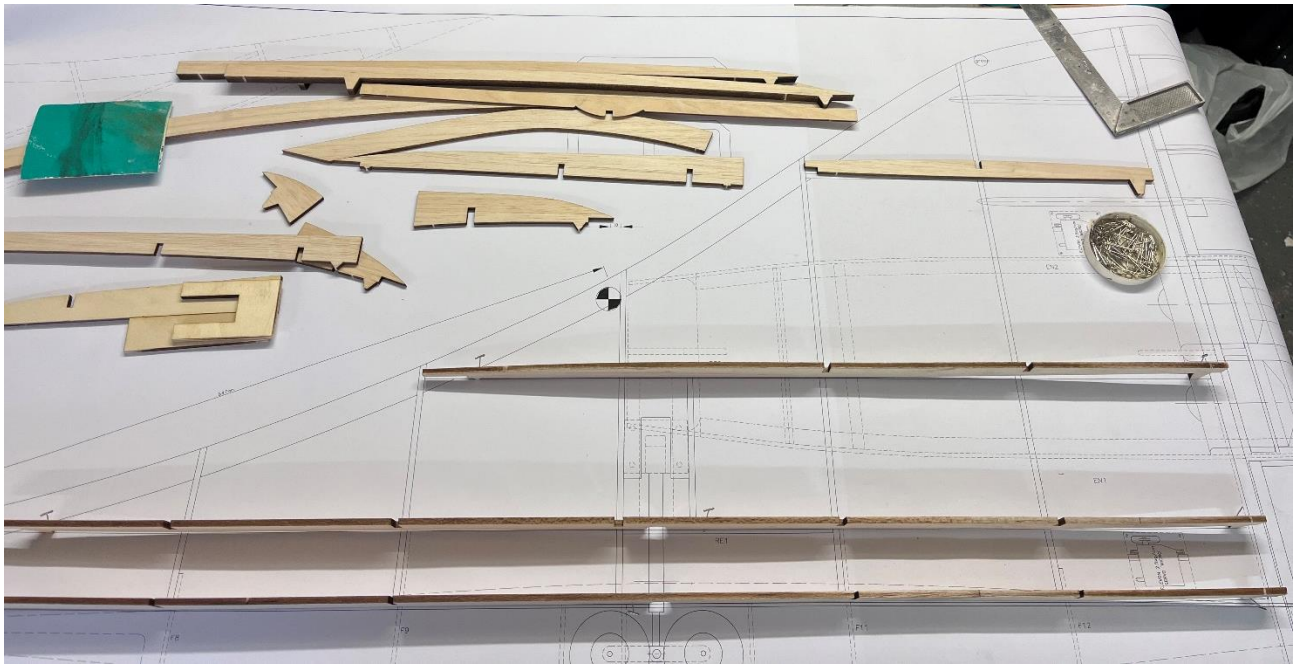


Just some of the useful tools needed plus a quality razor plane.

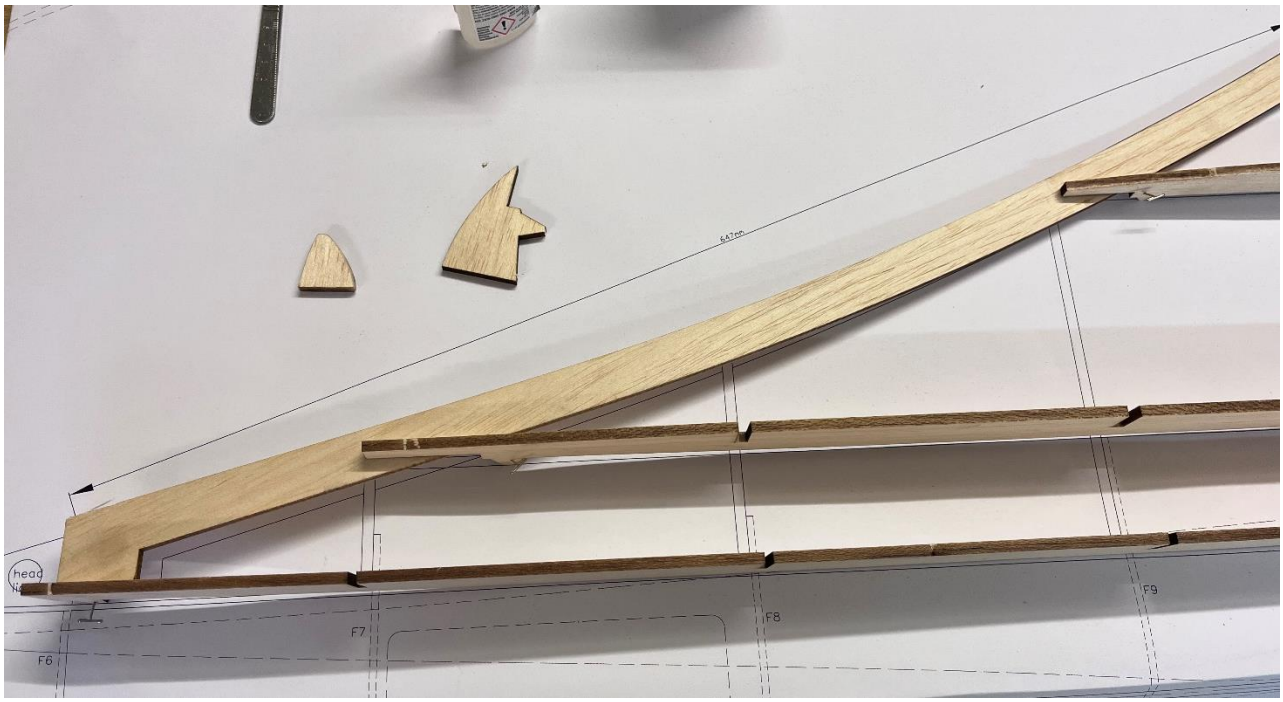
The model should be built in the following sequence of photos for best results



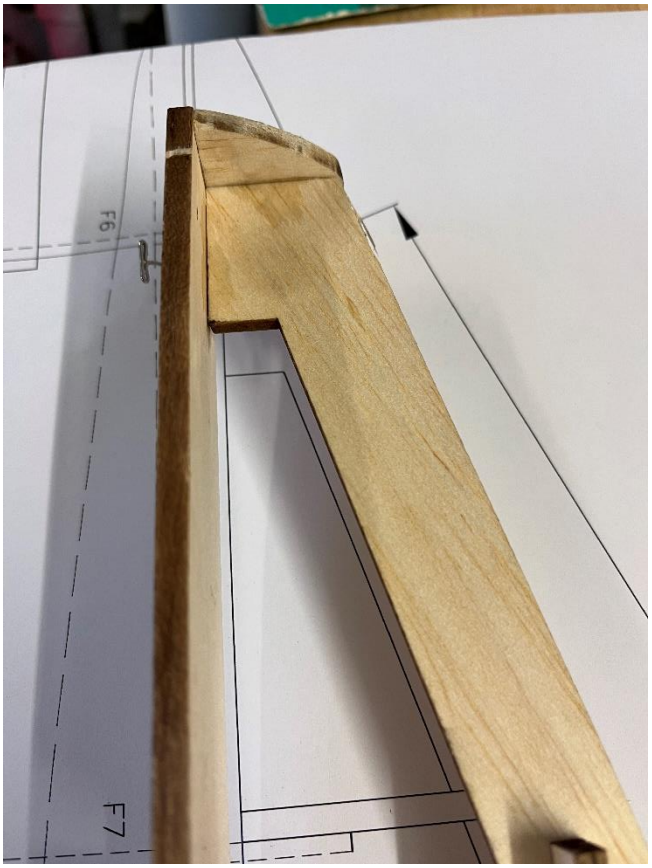
Make up the wing rib pieces R1 to R11, TE1, WB1 (note undercarriage mounts have been updated and different to shown in photo)



Pin R1 to R4 over the plans



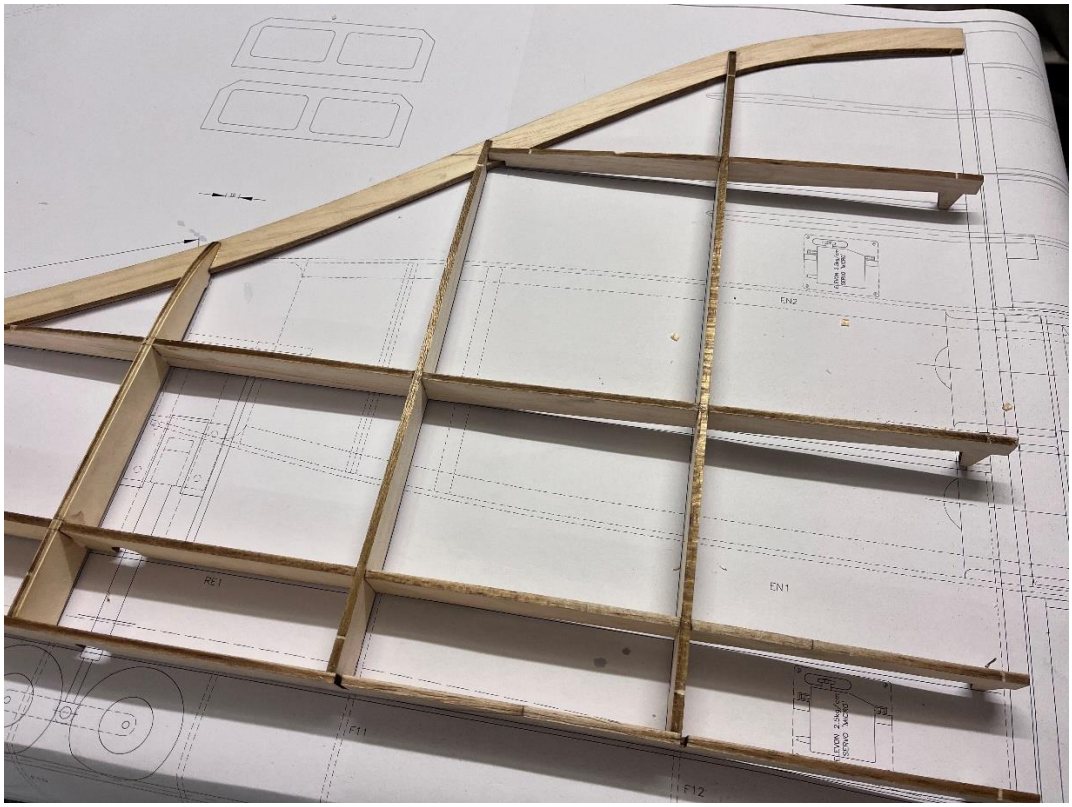
Glue the leading edge LE1 & LE2 on to R1 to R4



Mark, position and glue R5 and LE1 to R1



Begin to add the cross ribs R6, R7, R8, R9 (note the ribs R6, 7, 8 butt against R1 flush with slot to allow F7, 8 & 9 to slot in glue against the ribs later)



Add the cross ribs R10, R11

Add the retract bearers R9A, RE1 and RE2 Note- RE1 and RE2 are now installed before R9A and used to strengthen the mounts. R9A interlocks with them (refer to plan for updated design)



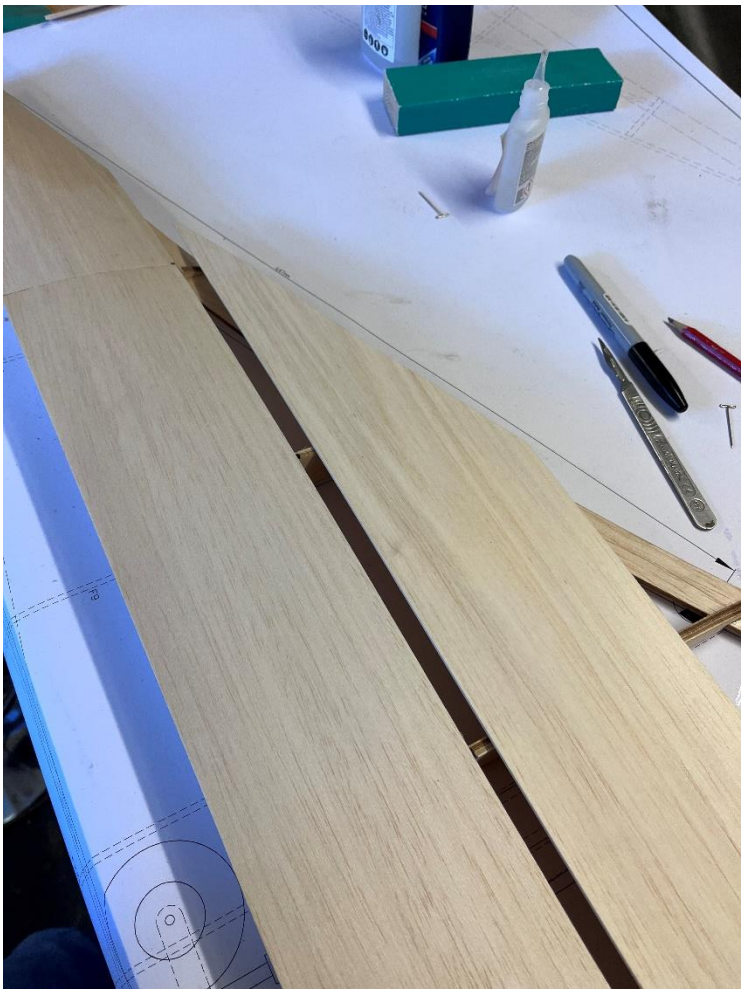
Add the trailing edge TE1 (note pin 3mm balsa scrap packing piece against R1(A) and R2(A) allowing the 3mm ply brace WB1 to be fitted later

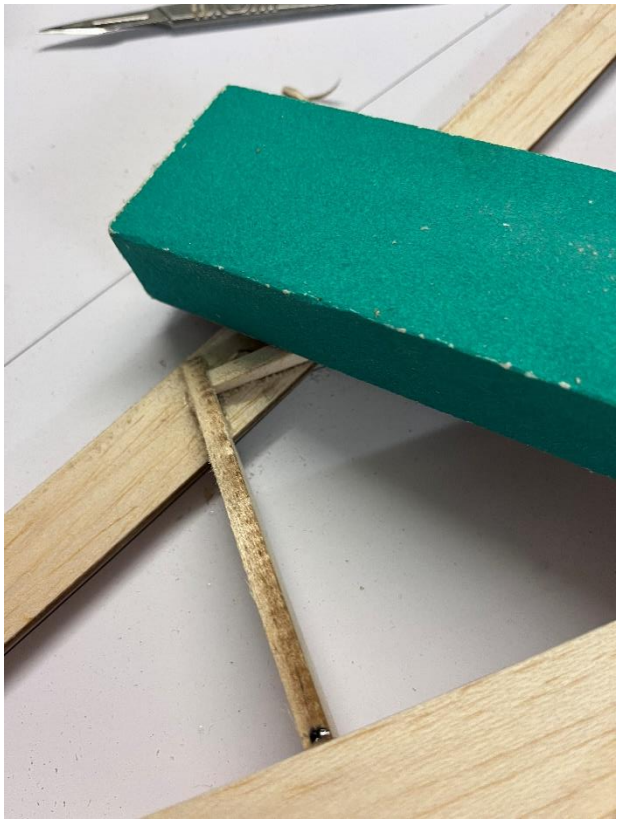


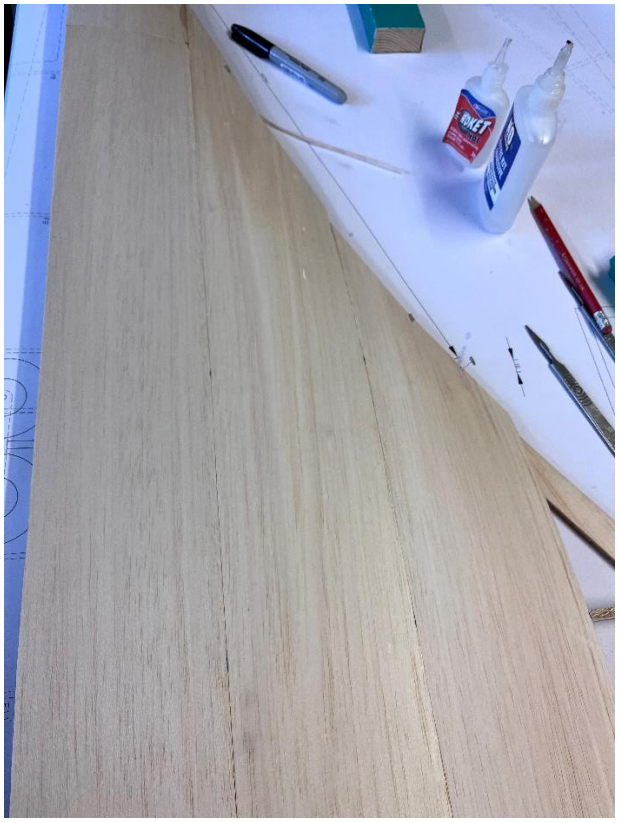


Begin sheeting


F8



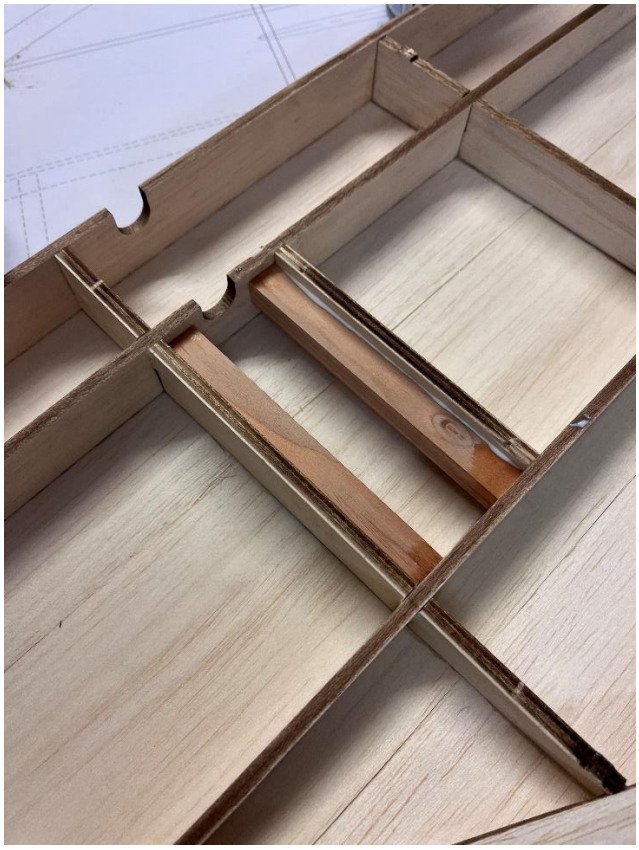




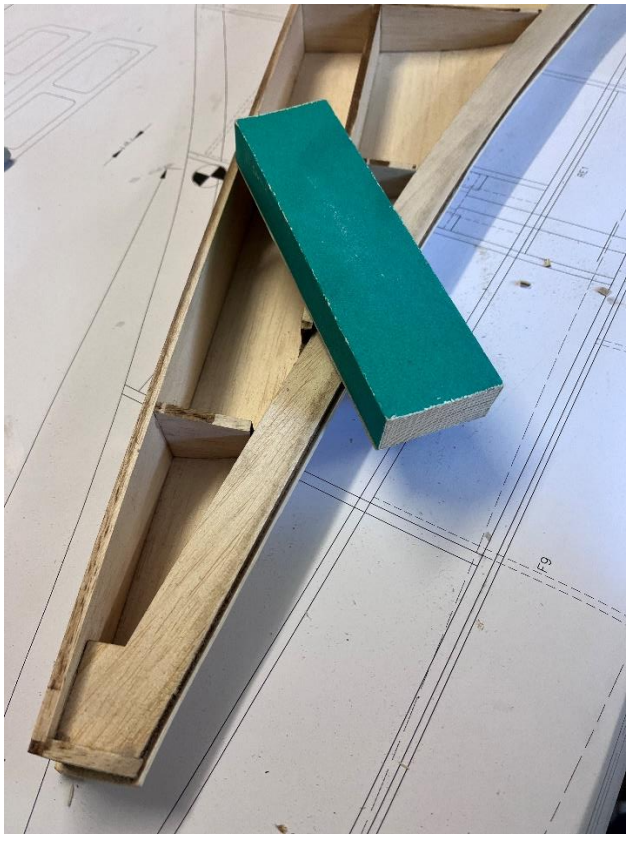


Wet sheeting at LE to aid bending

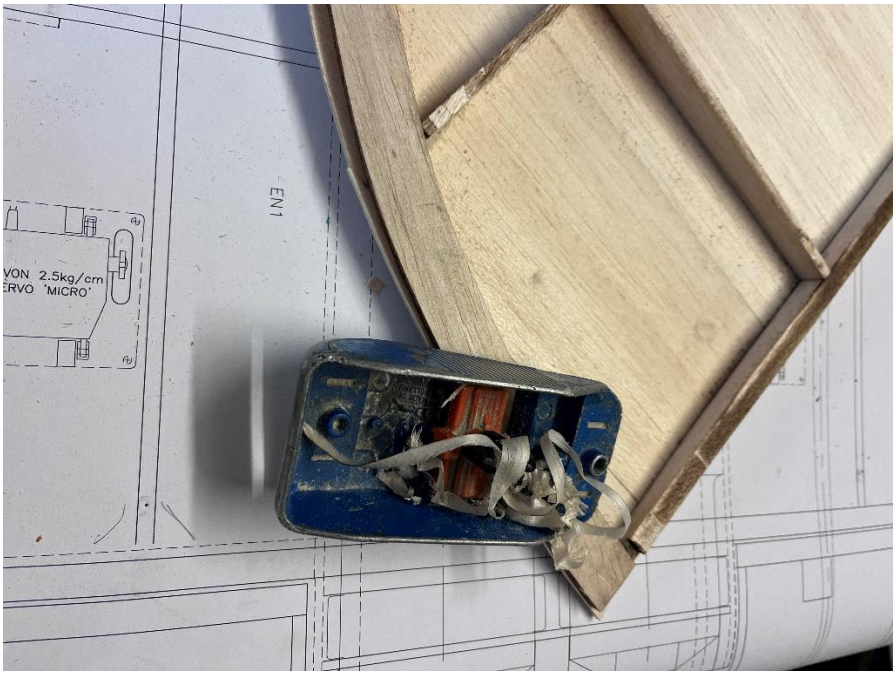


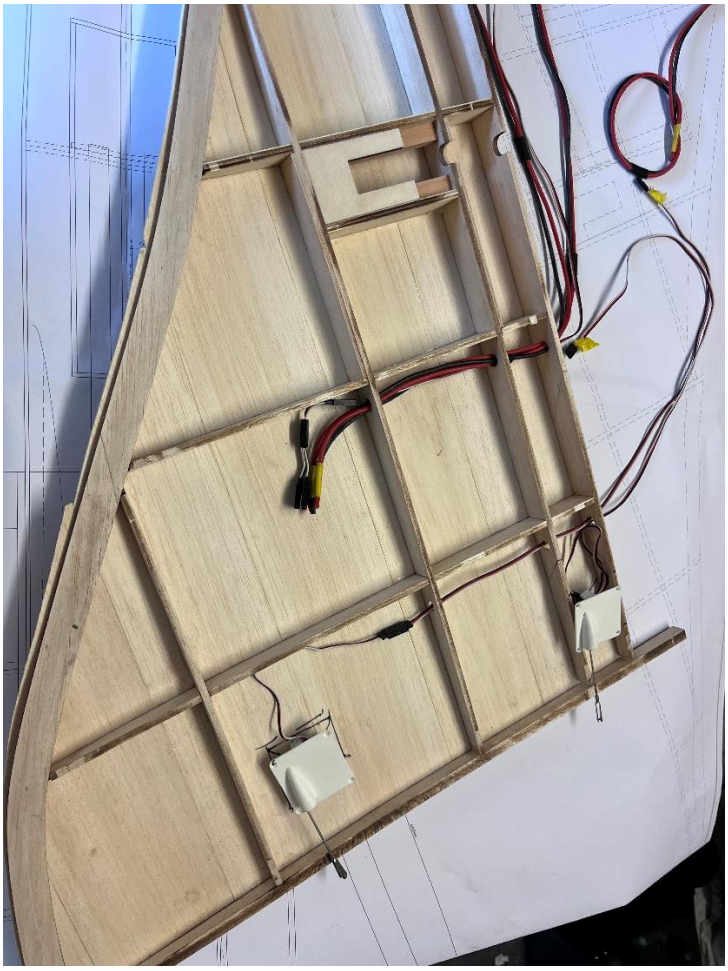


Underside retract bearers added. See plan for positioning

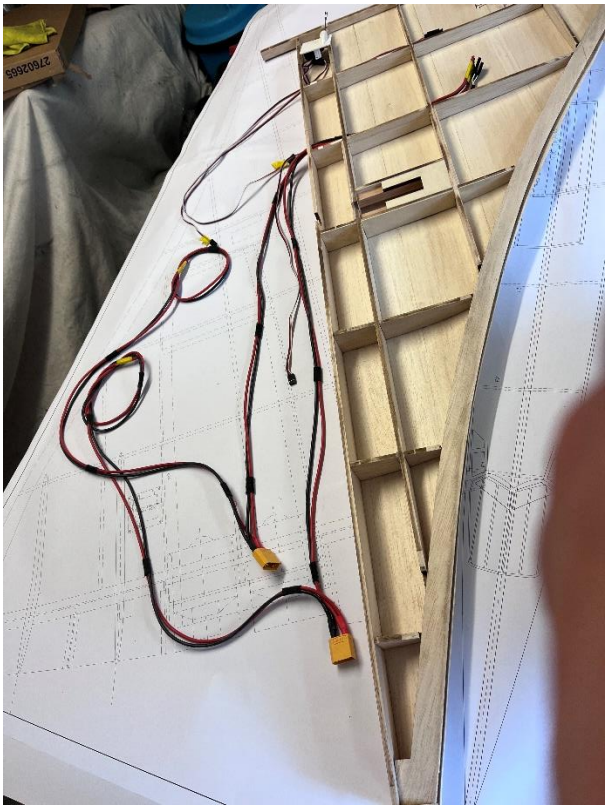


Jig tabs removed and sand edges to blend into Ribs





Wiring and servo mounts frames installed. Note Retract plate updated on production model- refer to plans



Separate Power wiring for inboard and outboard fans

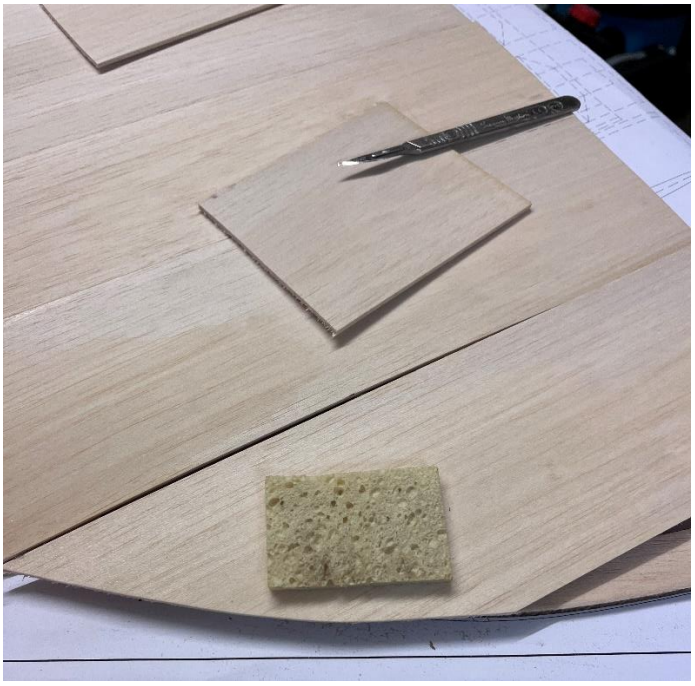


Make up the other wing. Add the retract bearers R9A, RE1 and RE2 Note- RE1 and RE2 are now installed before R9A and used to strengthen the mounts. R9A interlocks with them (refer to plan for updated design)









Wet sheeting to assist with bending at the LE





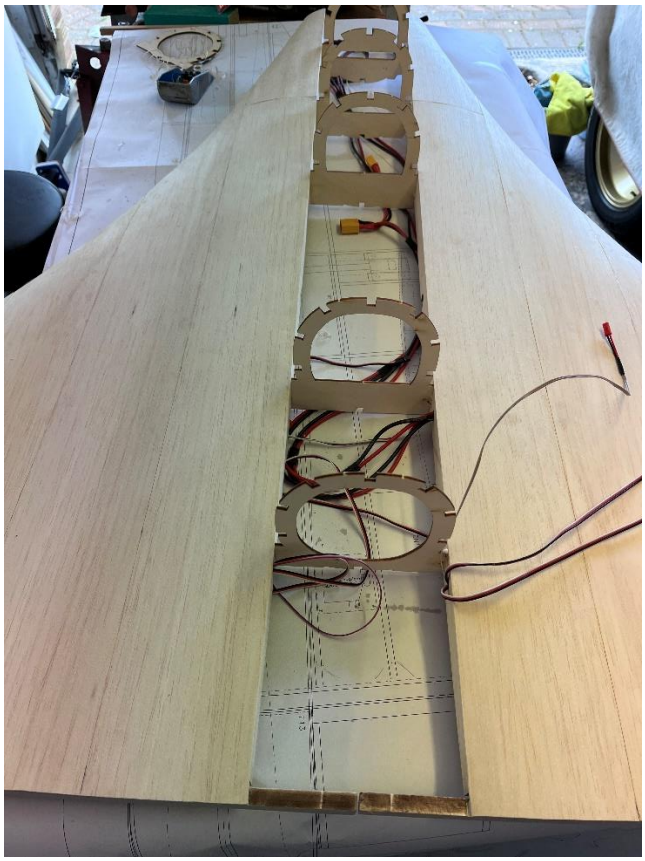
Jig tabs removed and sand edges to blend into Ribs.

Wiring and servo mounts frames installed

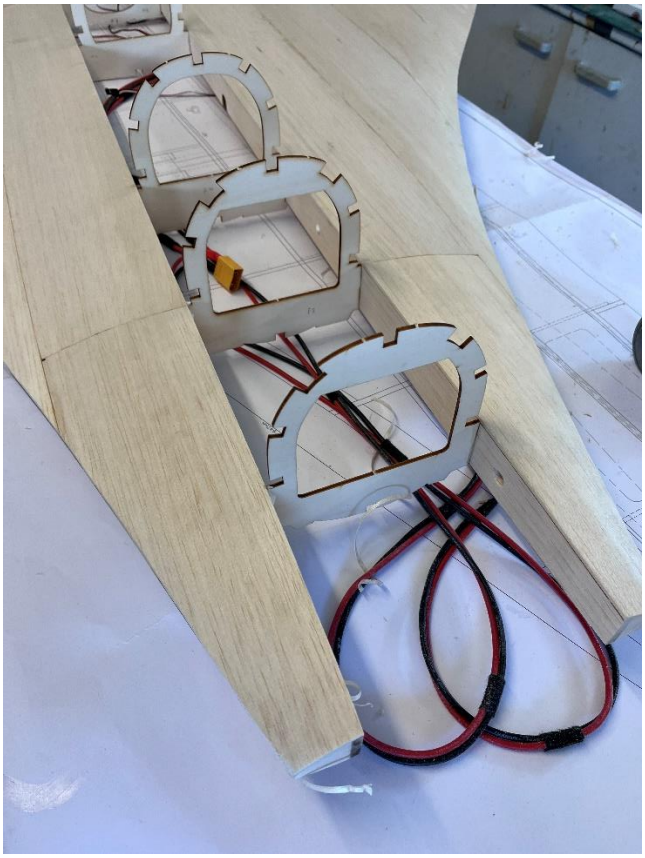


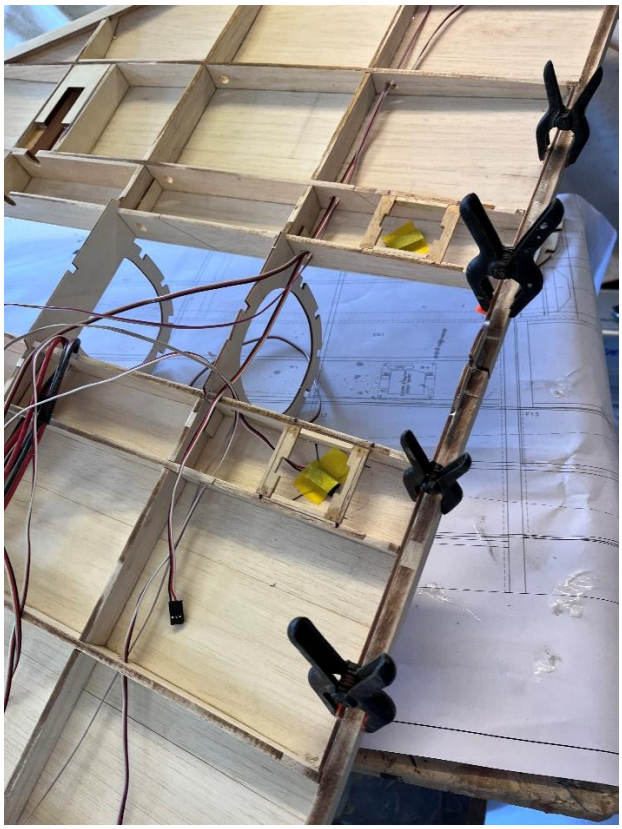


Add former F7, 8 ,9, 11 & 12 glueing the tabs to R6, 7, 8, 10 & 11

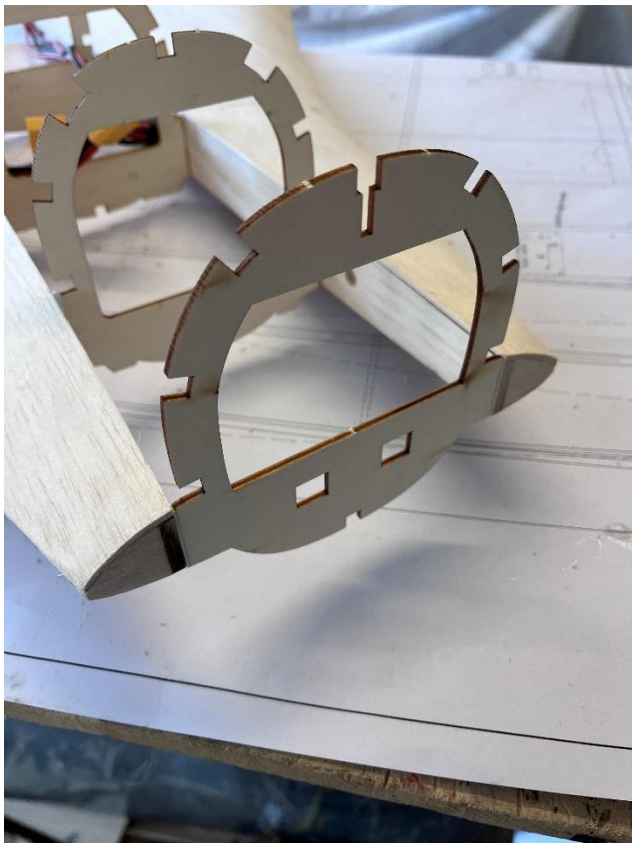


Join the wings

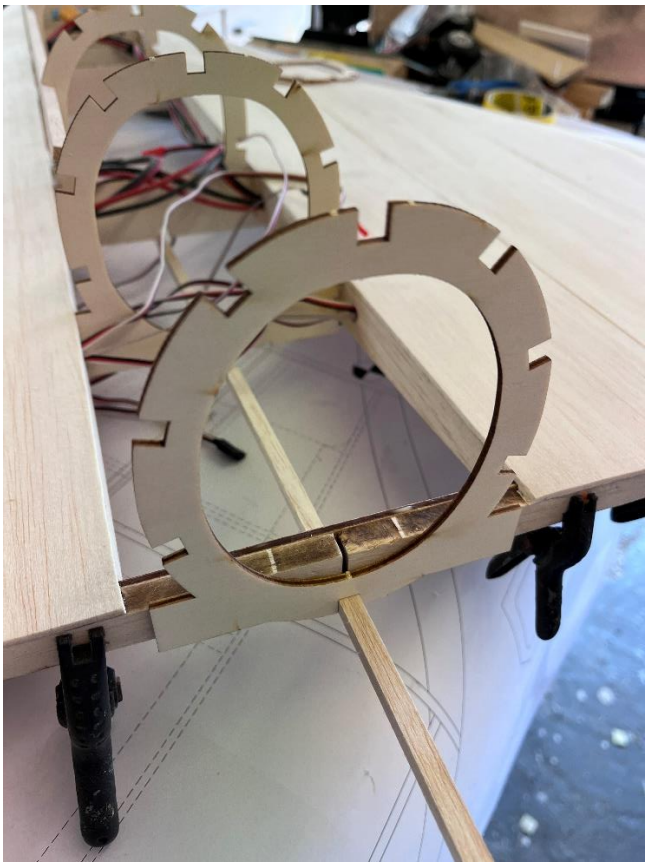




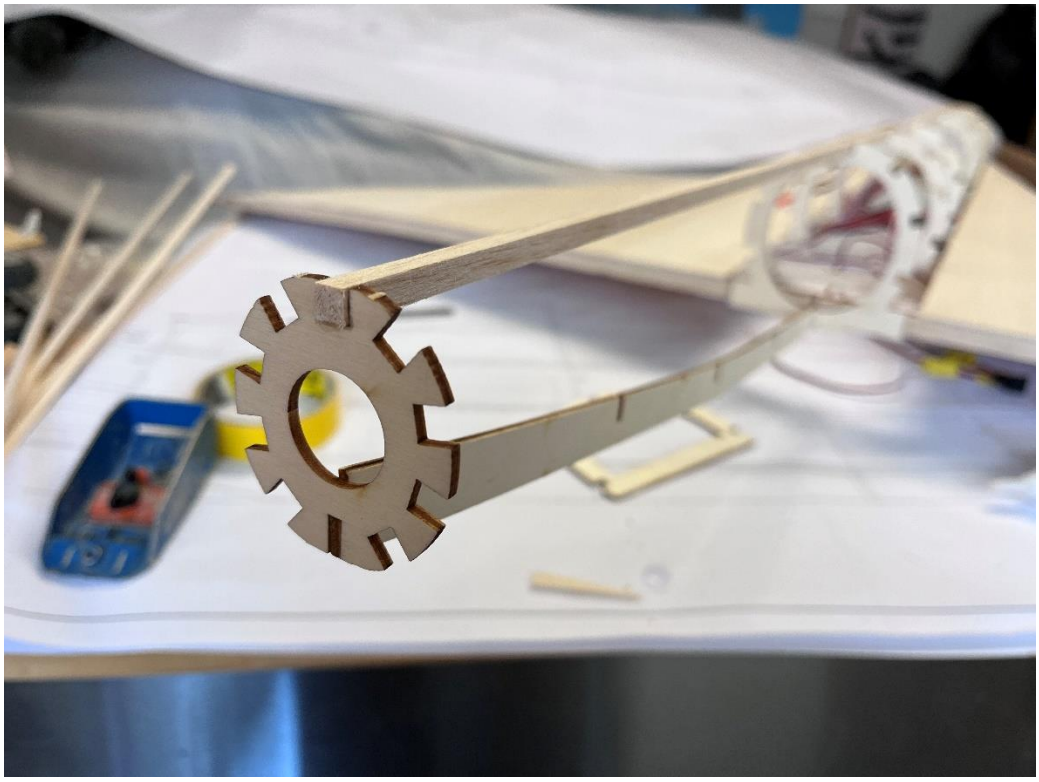
Glue WB1 into position



Glue F6 flush with R5



Add F13 using a stringer to align



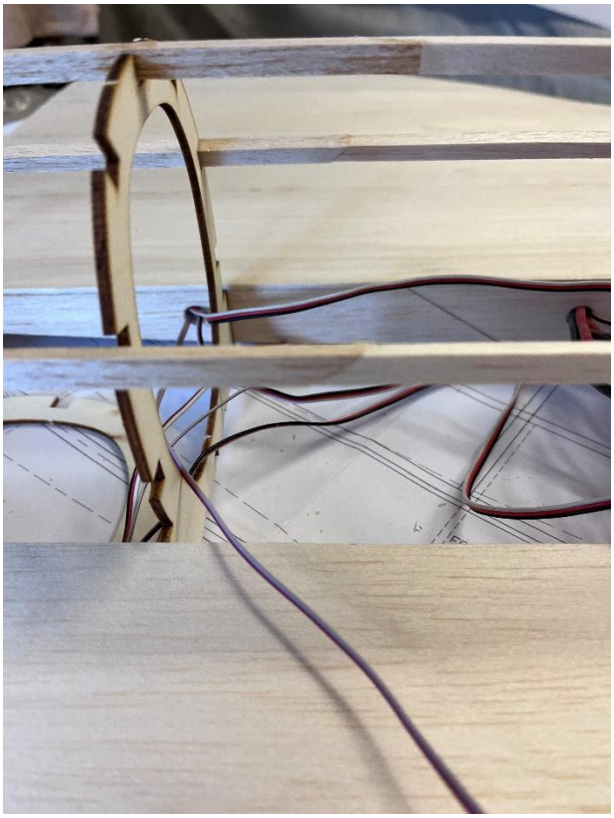
Add top stringer and S2



Add F14 to F17



Add the remaining 6mmSQ stringers in a mirrored sequence, check alignment as you proceed



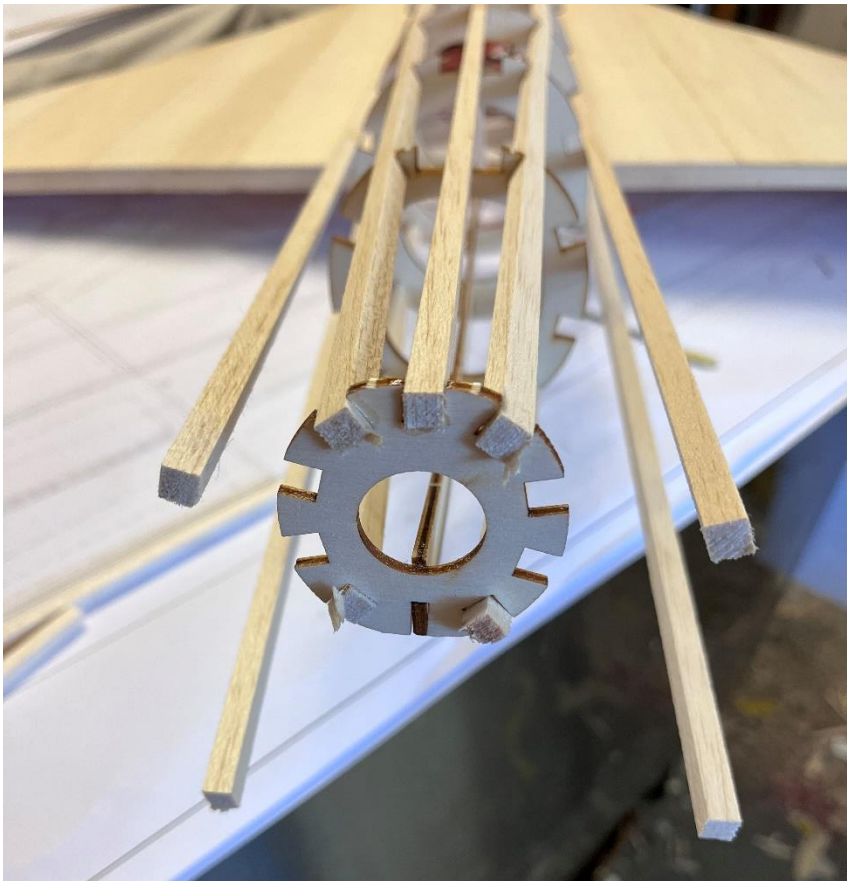
The stringers will have to be spliced due to the length of fuselage



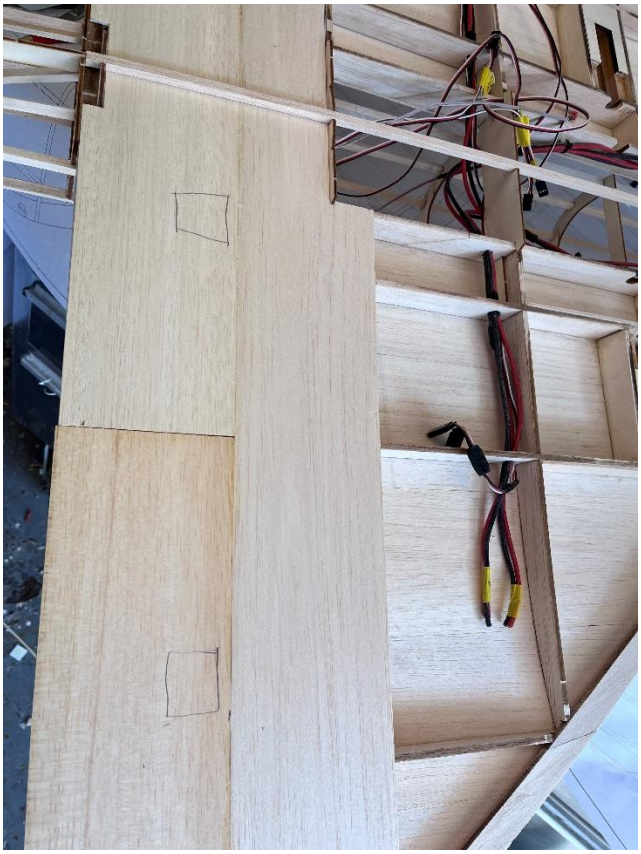
F10 is now modified on the plans



Internal 6mmSQ bracing piece between F13 and F15 installed before external stringers are fitted



Carefully bring the stringers together equally to avoid twisting the structure

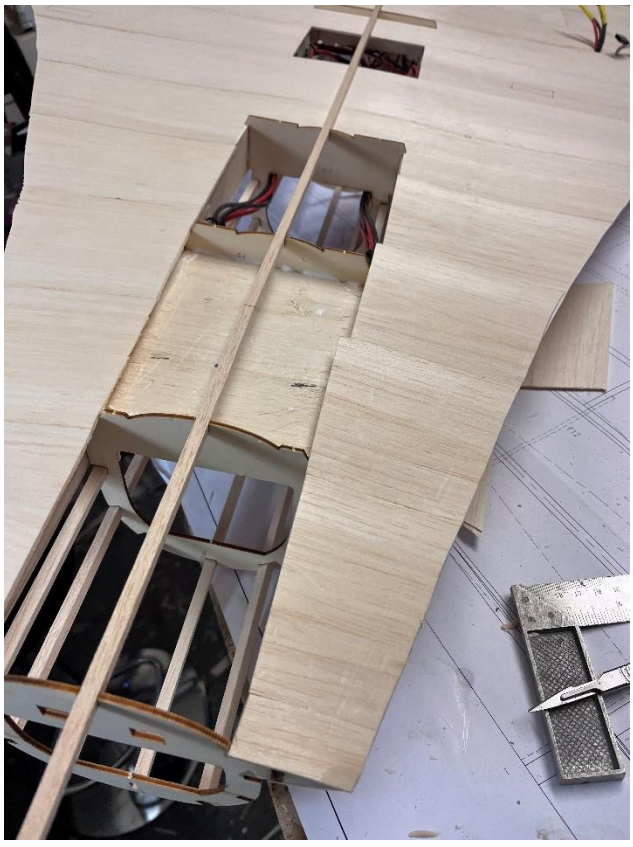


Start underside cross sheeting as shown- mark servo locations



Bring wiring through the sheeting

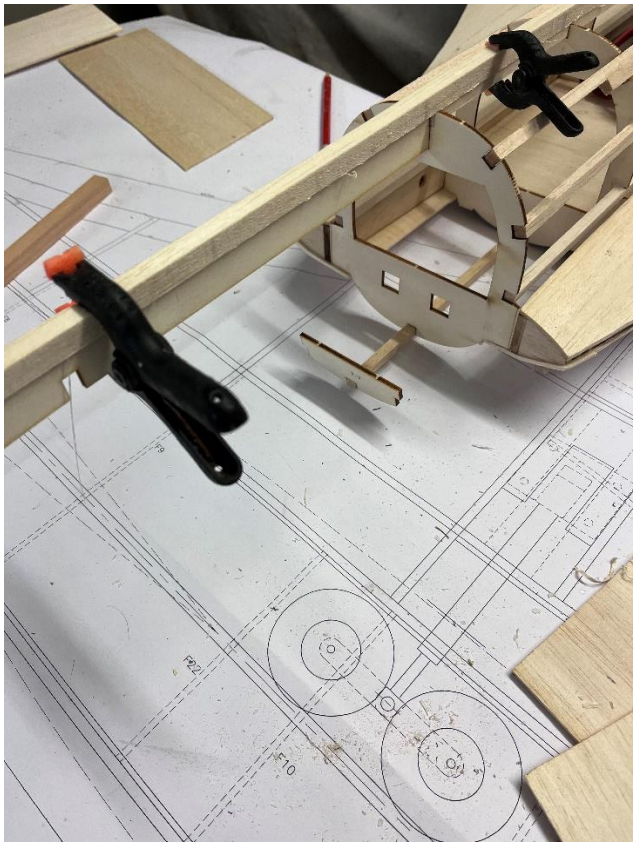




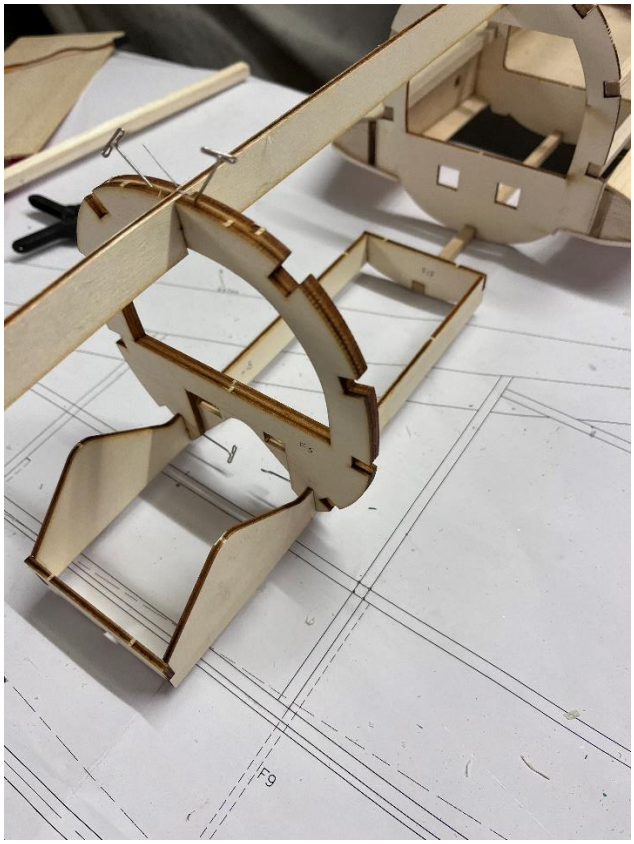
Floor of battery tray between F7 & F8

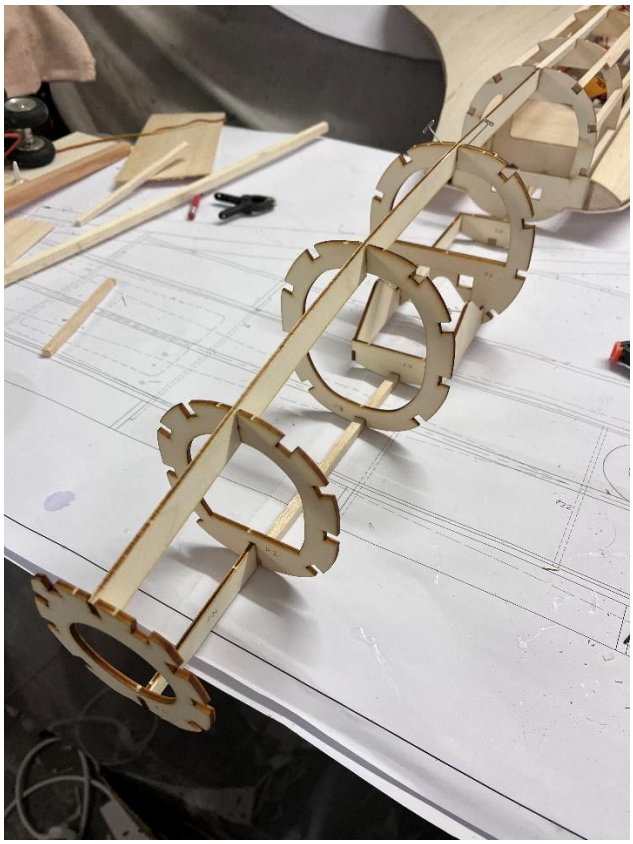


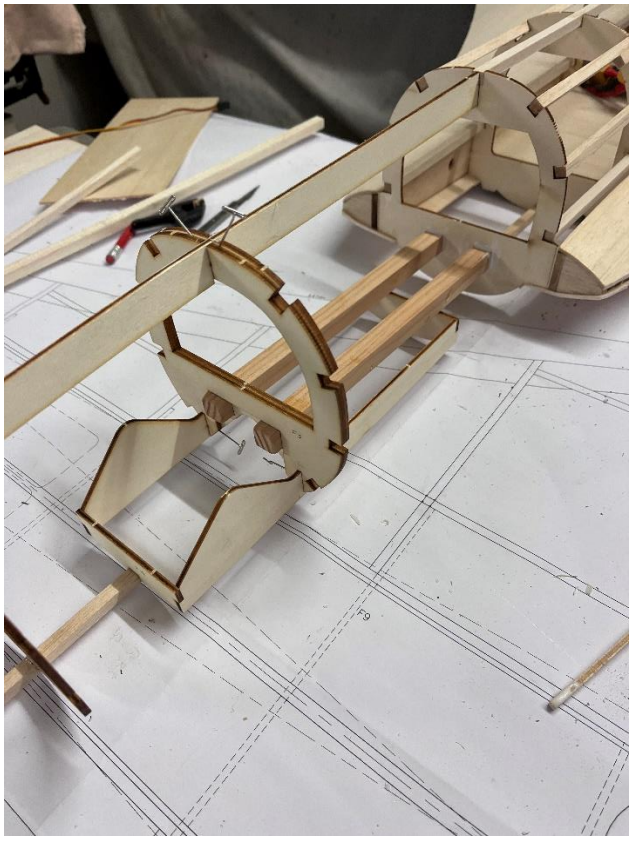
Hatch stringers now between F7 & F9



Making the detachable nose section


F9





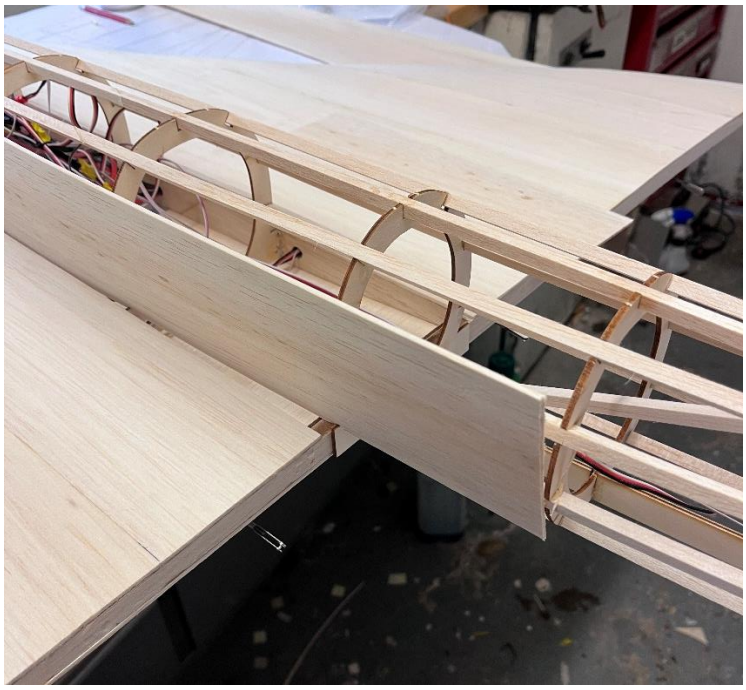


Begin to add stringers in a sequential manner





Begin to sheet the fuselage









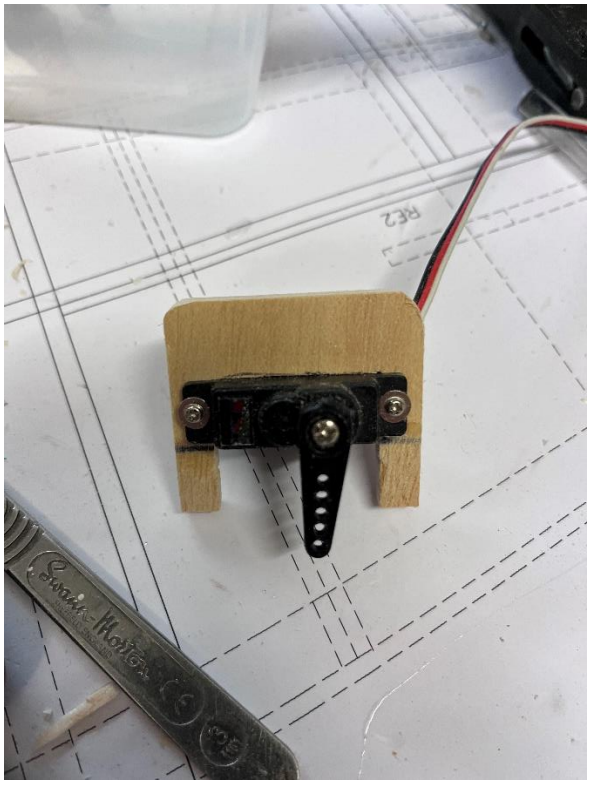
Battery access hatch- now double in length



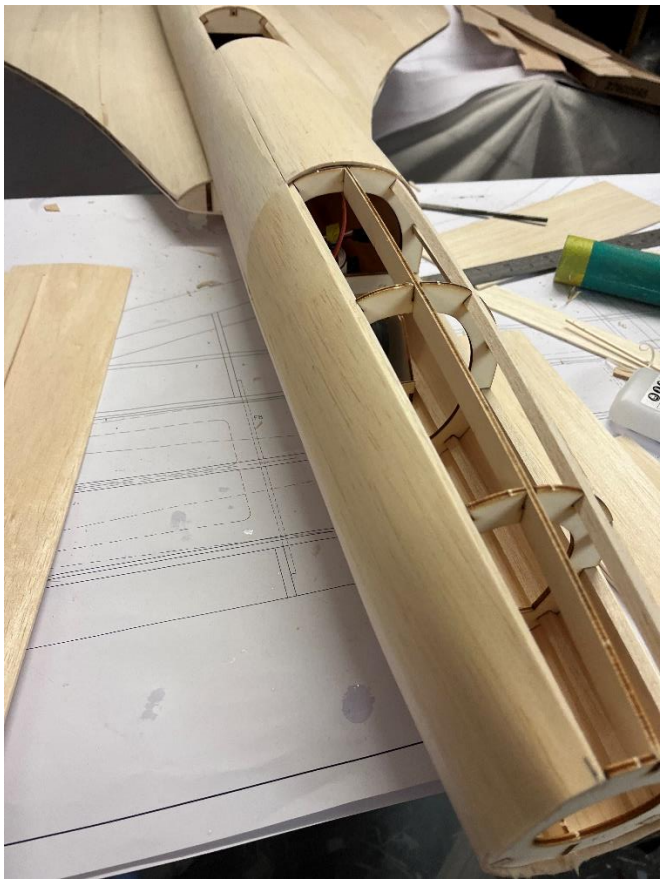

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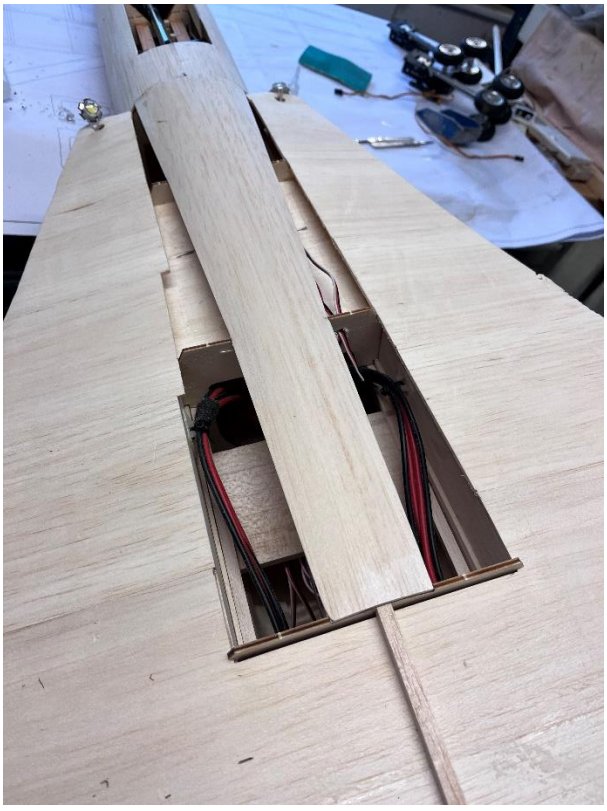
Indicative steering servo mount



Sheeting nose section



Cut away along the F4 & F5 join line and remove. Finish sheeting the nose section



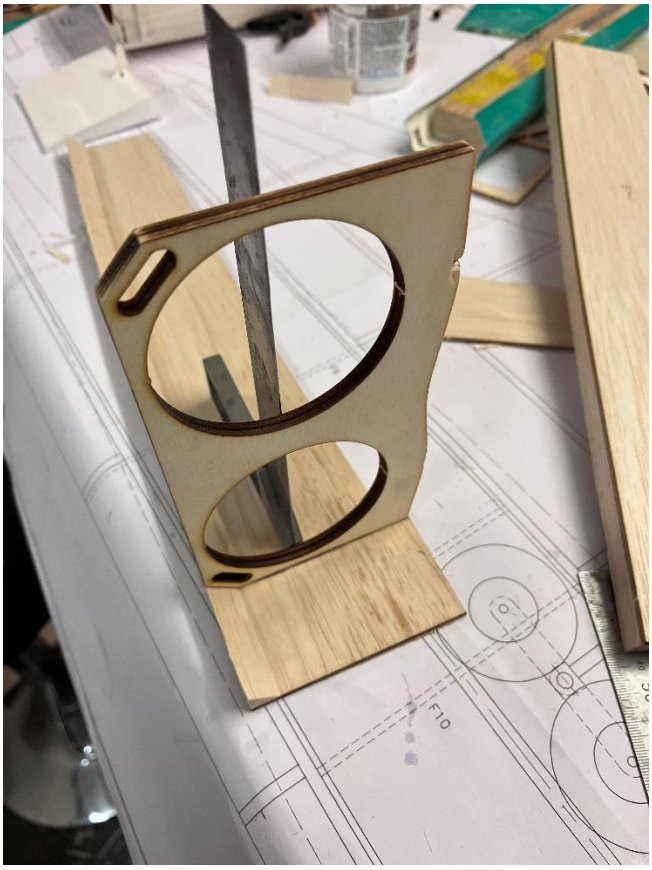
Sheeting the underside





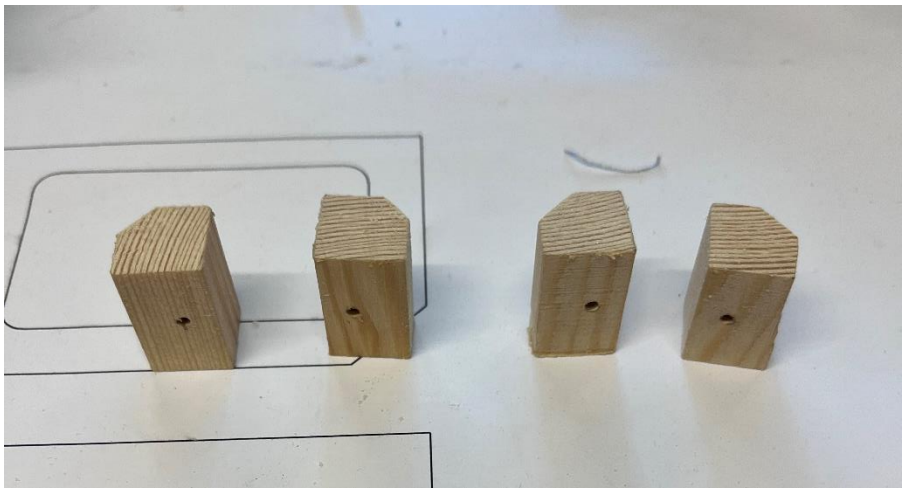





F10


F22





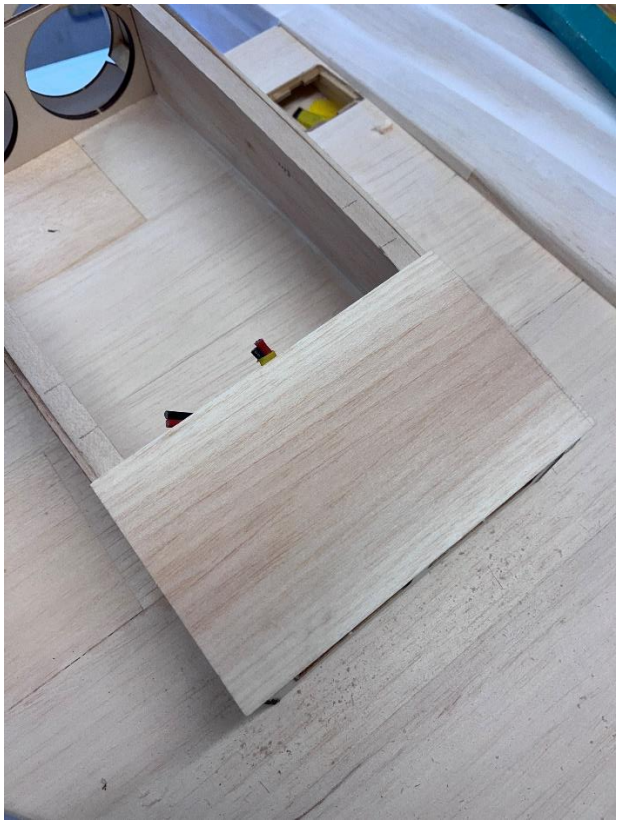
Fan mounting blocks made from 12mmSQ spruce (must be pre drilled)





Nacelles glued into position and bracing pieces added





Cross sheet the bottom of the nacelles



Inside edge lined with glue





Intake cowl

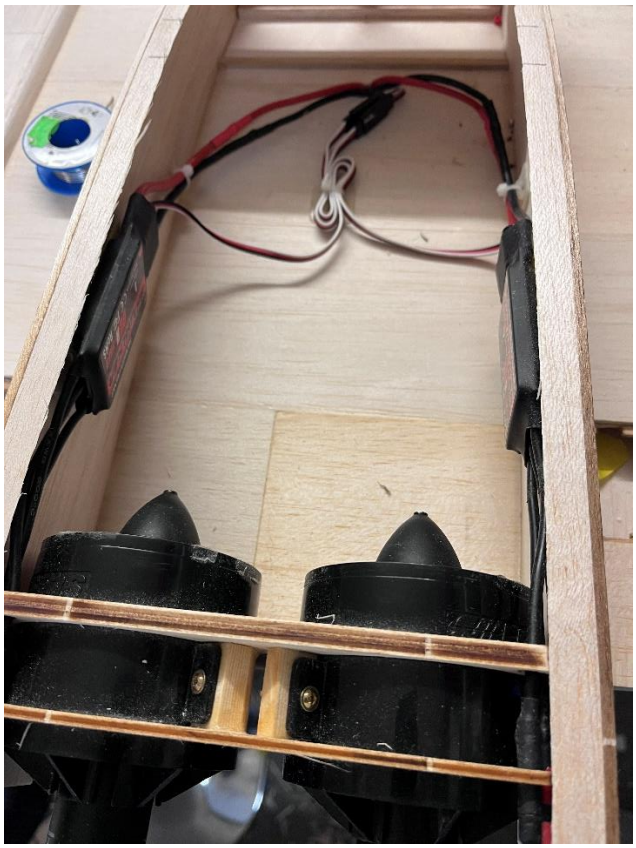
Note; Position of retracts shown on prototype (photo), now changed. Refer to plans for correct design



Removable intake cowl



FMS fan intake rings removed to allow fan to slide through FM2 and on to the mounts



Secure with self-tapping screws. Add ESCs and check operation



Intake rings replaced and fan divider installed and continue to cross sheet



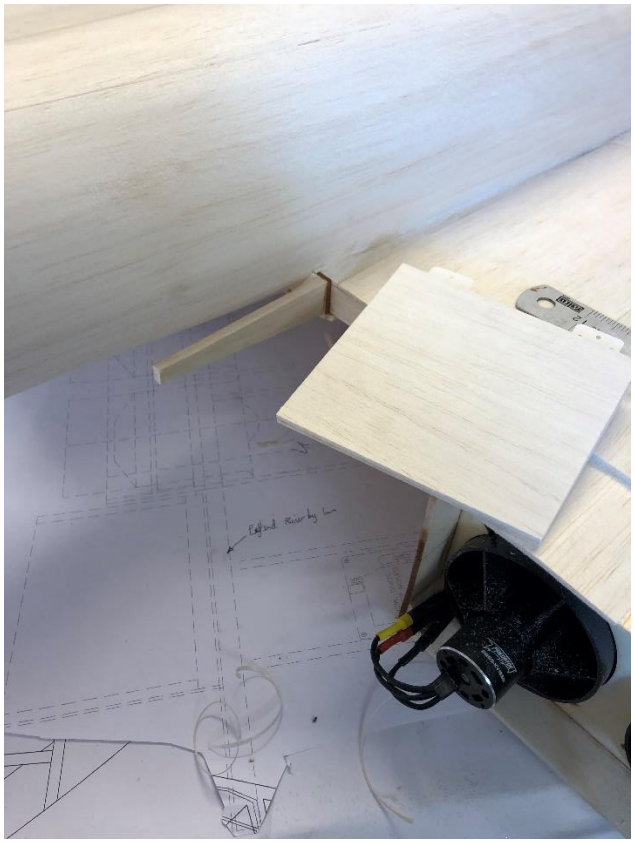
Top rear of nacelle, sheeted



Make up split Elevons



Make up fairing rib and glue to edge of F13. Use straight edge on inner Elevon to align





Make up the fairing from scrap sheet balsa



Trim inner nose VAC form and glue to F1. Sand the balsa sheeting flush into the VAC formed nose



Trim and glue the two halves of the nose cone together



Use scrap plastic strip to reinforce the joint on the inside edge





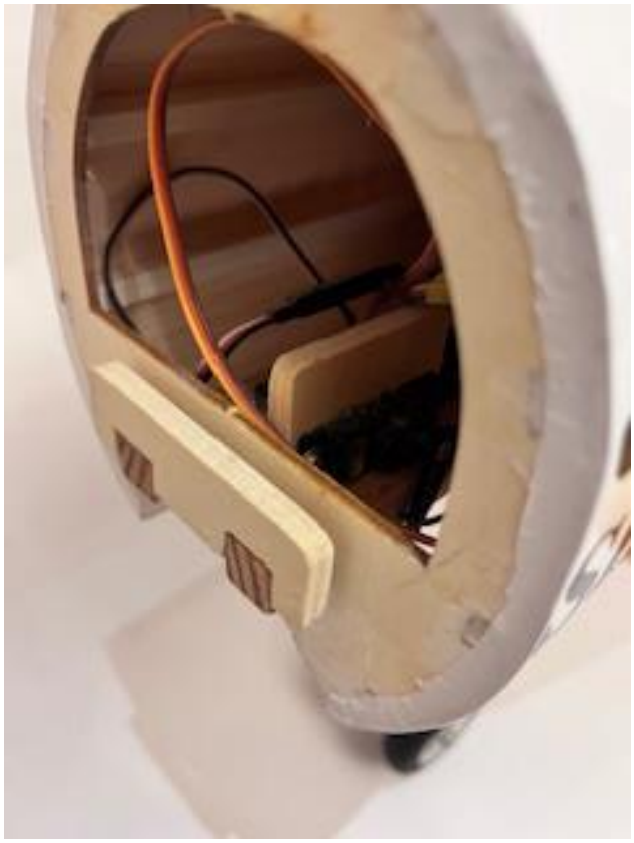




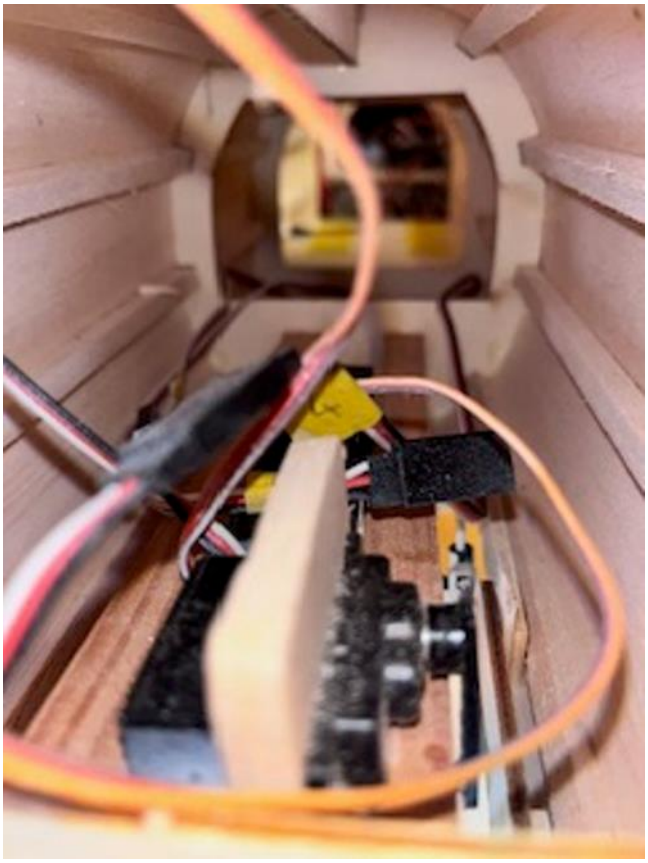


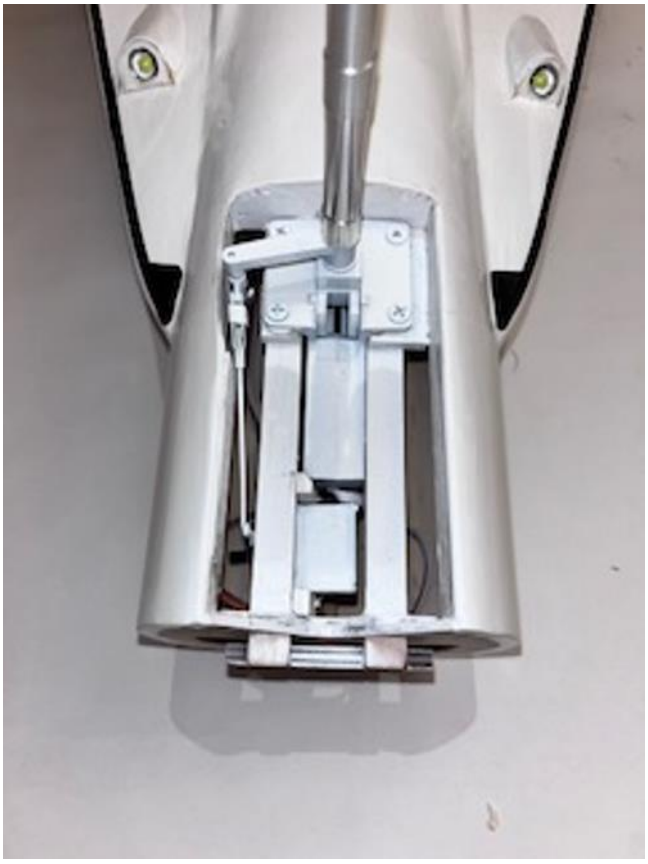
Fairing used to secure top to nose joint





Retaining plate F4A glued to nose retract bearers. Nose slides down from the top to lock into place



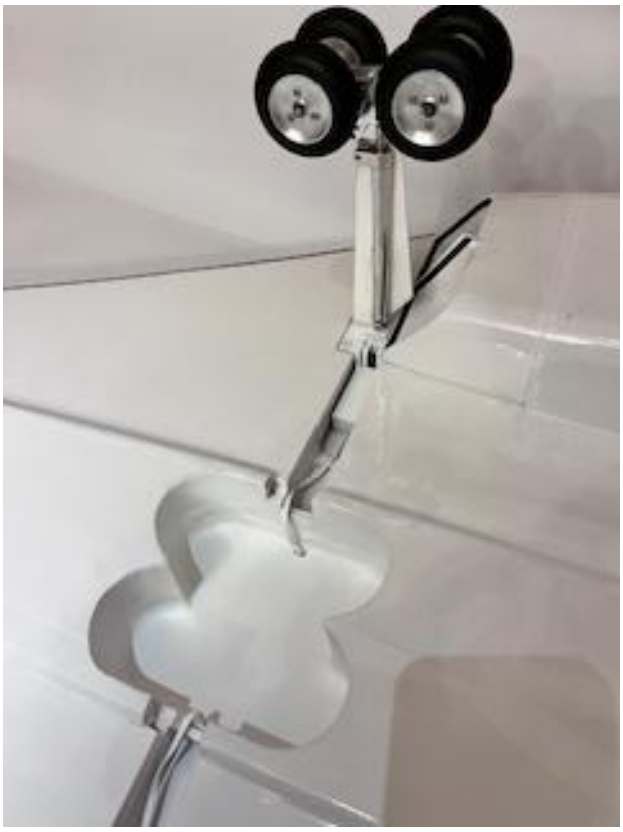












Note the new and correct location for the retracts



Wheel well construction- lined with sheet scrap balsa

