

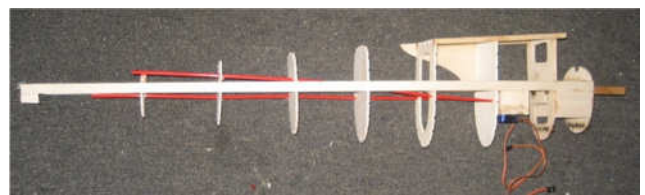
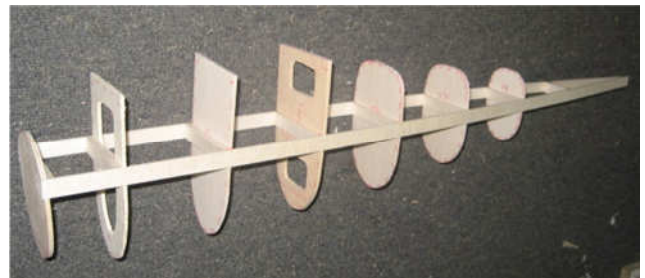
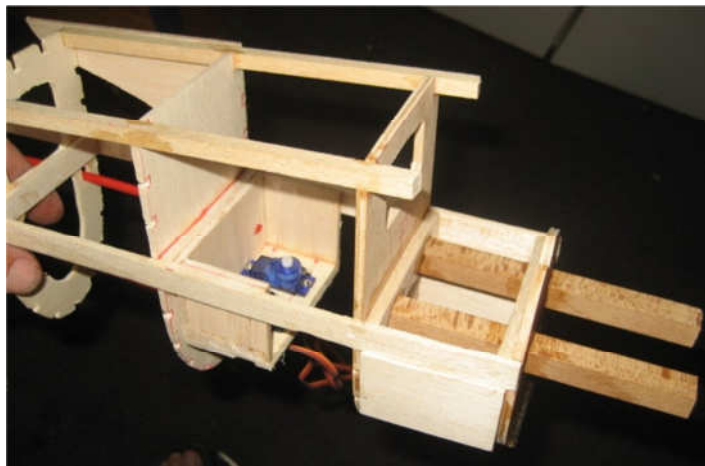
## A real plane!

As you can probably see from the plan, the fuselage has almost an elliptical cross section and lots of formers. This makes it a bit tricky as I decided to use  $1/8 \times 1/4$  stringers but still a basic  $1/8$  crutch on which to assemble the formers. Here's the crutch laid out on the plan and the formers



cut out but not yet notched for the stringers - that's the tricky part as they are let into the formers but stand proud so they stop the formers showing in the covering. The next tricky part is how to mount the engine. The original had a side mounted Mills 75 but I am putting a 1.3 (ooh, all that power!) in this larger version and will mount it upright so the bearers need rethinking.

I also have to fit 2 servos and the snakes which would be really tricky if all the stringers were in place so I will fit them all before that. Here's the crutch with the formers in place, now how to fit the servos?

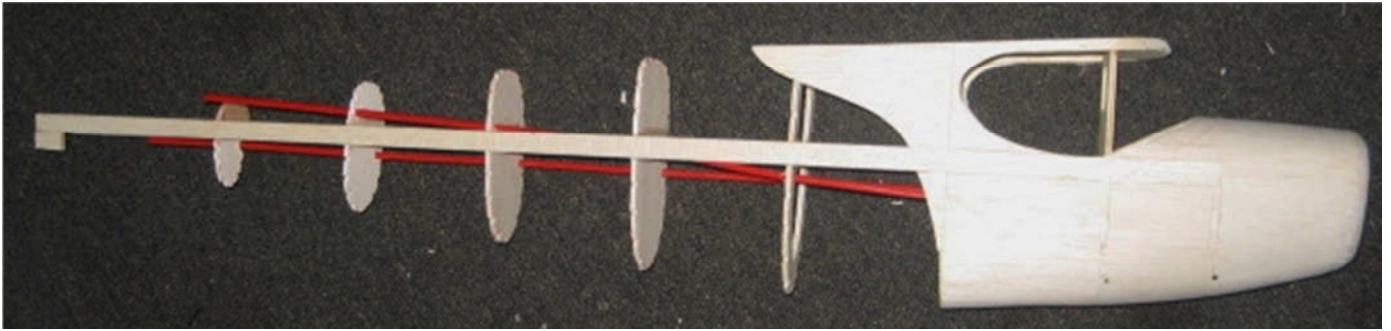


I made up a ply plate supported by one former and a couple of pieces of scrap  $1/8$ " sheet like this, and you can see the red snakes going back through the rest of the formers and the engine bearers poking out the other end.

You are supposed to put sheet between the stringers in the cabin area but I reckoned it was easier to just sheet cover that area and have stringers in the rear end, so this is it. It's  $1/8$ " at the rear end and over the top of the bearers, then  $1/4$ " and  $1/2$ " around the bearers which provides the thickness to carve the streamlined shape.







The next part was the trickiest! Having cut a load of notches in the formers it was time to try and get the stringers to go in them in straight lines and make a nice curved shape when viewed in cross section view - thank God for cyano and a sharp knife (for notch adjustment!).



So there they all are, sanded and ready for covering. The other detail that almost shows are the two holes under the cabin that lead to brass tubes that will house the ends of the wire undercarriage (actually the original was a single leg but in view of the increased size and weight .....). So it's time to put 'em all together and see what it looks like and then it will be time for covering - next time.

