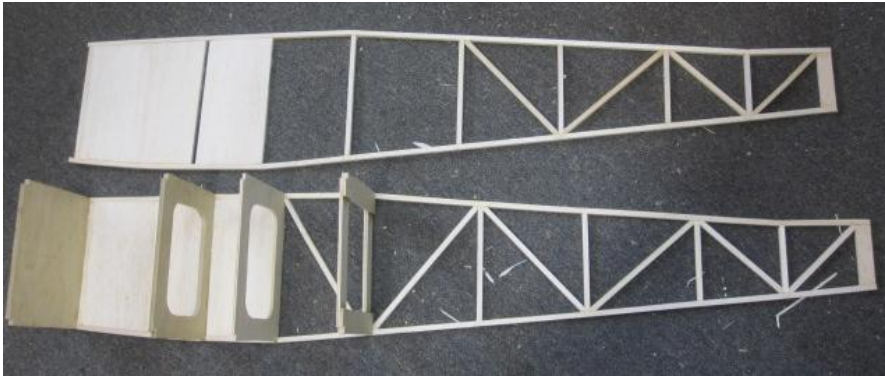


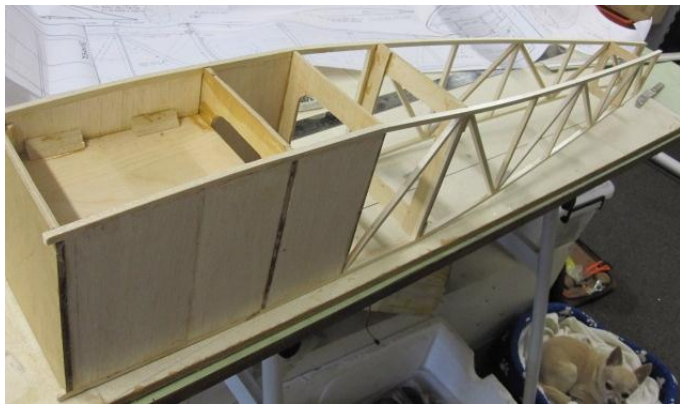
The Scooter story continues

The fuselage is pretty straight forward, 2 sides of $\frac{1}{4}$ sq framing with sheet insert up front to beef it up and a bunch of square ply formers to which extra ones are attached to make

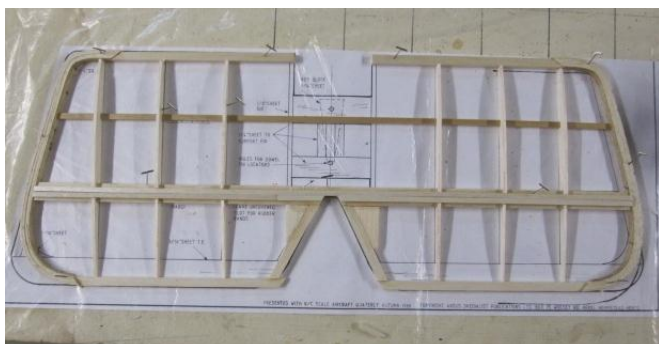


the forward section round. That's the only tricky bit to make sure it matches the cowling size. Here's the two sides and the formers set up nice and square. The aluminium cowl came from DB Models in the UK included in their current

Pup kit. It's not exactly the same profile as the Camel/Scooter one but good enough for me and also a very reasonable price. Here is the fuse inverted ready for the cross members and an 1/8 ply tank floor has been put in to stiffen up the front and hold everything square. The small dog is my assistant in all these complex design matters! Down the back end I had to put in various bits of balsa and ply to support the sprung (but not steerable) tail skid



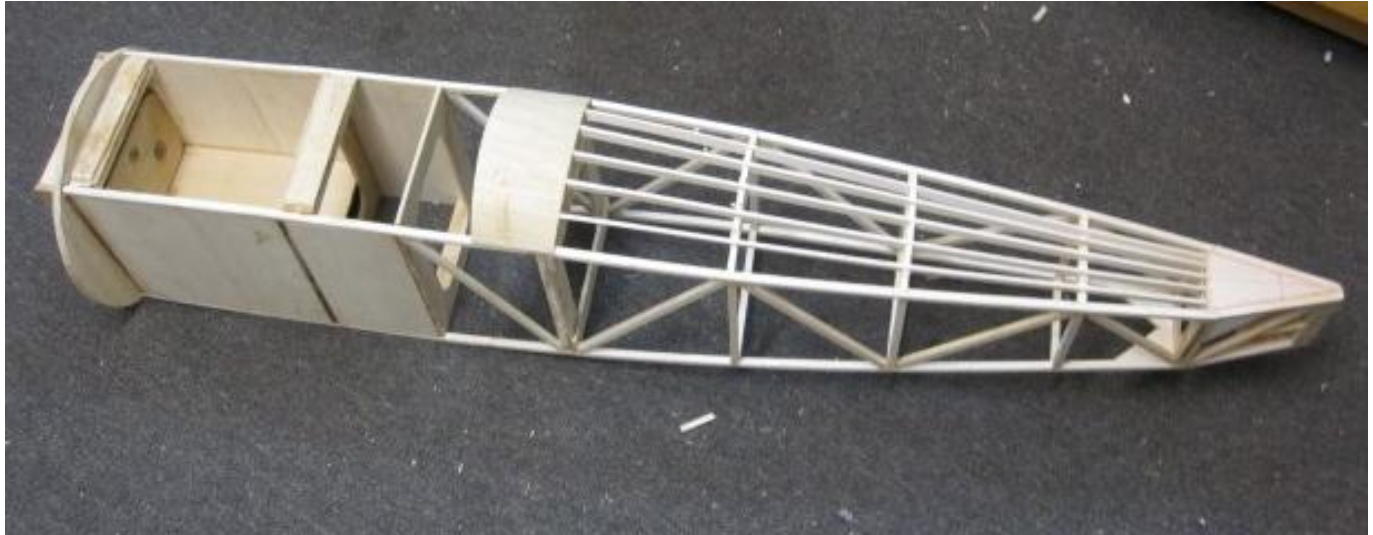
trying all the time to get some strength without too much weight.



So now we have a fuselage and it's time to build the tailplane using the previously made tips, some 1/8 ribs, a $\frac{1}{4}$ sq hardwood spar (from Bunnings) and balsa strip L&T edges. Notice the gap at the front - it has to fit around the end of the fuselage decking and until that is

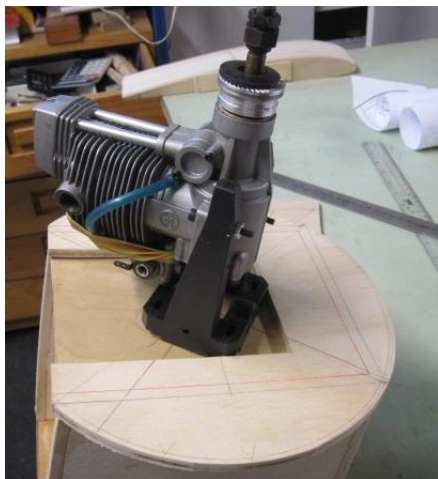
built I don't know how big to make it.

The plan has a number of errors in it as far as the outline goes. The rear of the Camel cockpit is higher than the front - on the plan it is the same height so it was time for a bit of guess work! I made up a set of top formers for the fuselage, fitted them and the 1/8 x 3/8 strips that will support the covering. Here it is with the first of the round formers, a 1/4 ply



one mounted on the 1/4 ply square one built into the fuselage. I'm not worried about weight up this end, I need strength to support the mighty ASP 180. If you think the tail end looks a bit skewey you are right - whoops, but it will be under the tail and only seen by the picky! It was about now I had a nasty thought The original plan shows the fin/rudder fixed to the top of the tailplane and the bottom of the rudder flush with the bottom of the fuselage tail post. Since I intend to introduce the classic fin/tailplane gap the rudder will not reach the bottom of the fuselage - bummer, oh well, we'll come to that bridge when we cross it (as

Terry Pratchett says).



Here I try the engine and mount for position, it will need a spacer to get the cowling the right distance from the firewall. That will do for now, I have all these nice ribs to turn into a wing that's in the next exciting episode!



Mike