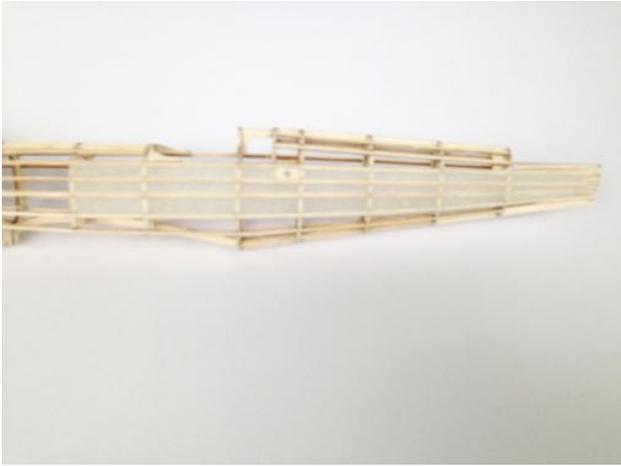


# SPITFIRE - COVERING

## THE FUSELAGE

Cover the fuselage in longitudinal strips running from F6 to the stern post at the rear. Gluing them in place to the stringers with a glue stick, then using PVA through the overlapped joints. The following is a suggested order for the strips on each side:



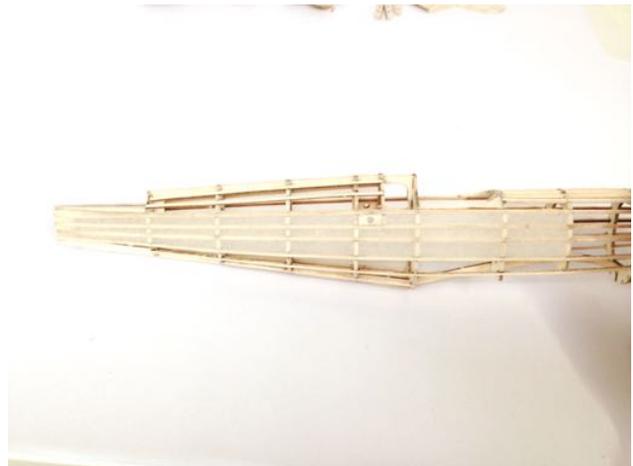
1 a) The stringer that forms the lower edge of the cockpit (Stringer 'A') to the stringer above the wing position



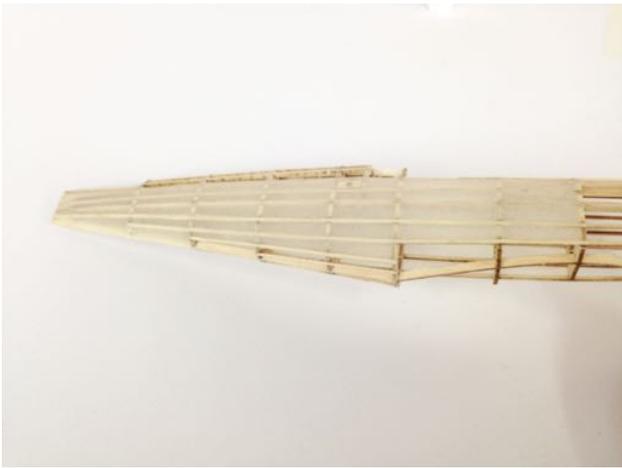
1 b) The stringer above the wing position, to the next but one stringer down (from F8 back), cutting across to the central keel past F12.



1 c) From F9 back, the stringer that forms the lower edge of the cockpit, to the next but one stringer up.



1 a other side) The stringer that forms the lower edge of the cockpit (Stringer 'A') to the stringer above the wing position



1 b other side) The stringer above the wing position, to the next but one stringer down (from F8 back), cutting across to the central keel past F12.



1 c other side) From F9 back, the stringer that forms the lower edge of the cockpit, to the next but one stringer up.

Once both sides are complete, there should be two areas top and bottom that are not covered. Do these as follows:



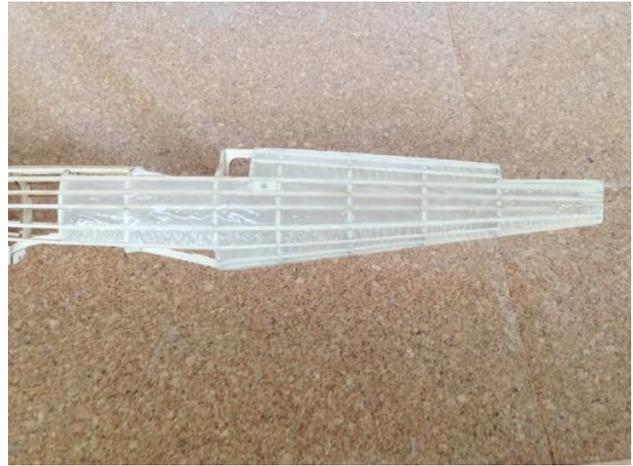
2 a) The top area in one piece, that goes from side to side, from F9 to F13.



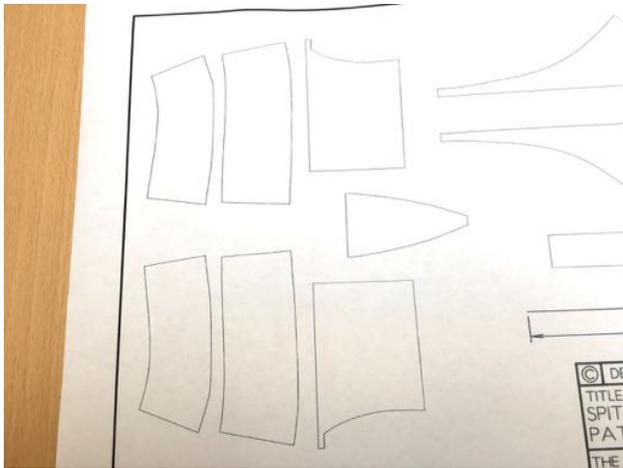
2b) The bottom area in one piece from side to side that runs from F8 to F12.



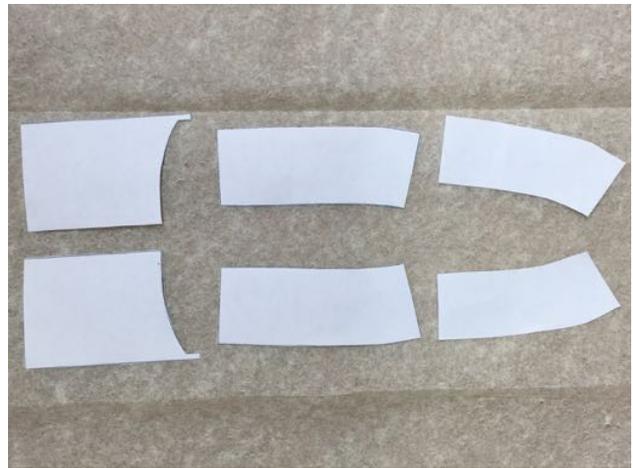
2 c) Cover top section in front of cockpit between F6 and F7 in one piece from Stringer "A" on one side to Stringer "A" on the other.



3) Allow the glue to go off for a few hours or preferably overnight, then shrink the tissue. You need not constrain the fuselage in any way, the tissue shrinkage should be equal on both sides and no warps should occur.



4) Trace (or download and print from our website) 2 off of each of the paper parts W, X and Y, onto standard printer paper (80gsm) following the solid lines.



5) Take 1 set of paper patterns W, X and Y, and using a glue stick glue them to an area of tissue leaving a gap between them, especially at the front edge of pattern W, where you need to leave around 10mm.



6) Once the glue has dried, cut the patterns from the tissue sheet, leaving extra all the way round as indicated by the dotted lines on the plan.



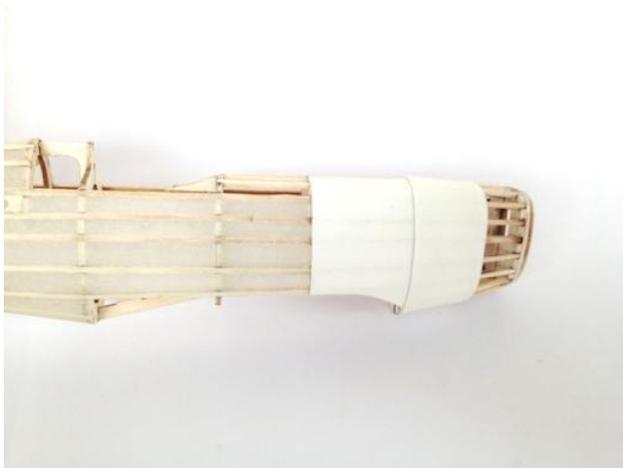
7) On the rear edges of the parts only, fold the tissue back on itself and glue to the rear of the pattern thus hiding the white edge of the paper, to ease the tissue around the curves 'knick' the edges of the tissue so that it folds round easily and smoothly.



8) Repeat with the second set of paper patterns W, X and Y, but glue them to the tissue the other face down to make opposite hand parts.



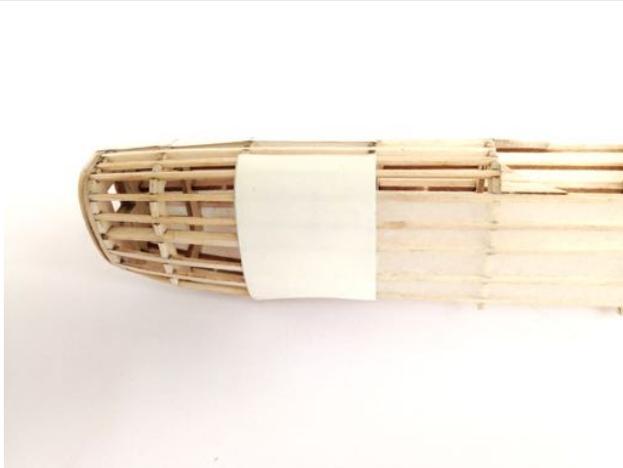
9) Fit the parts to the fuselage using a glue stick working from pattern Y forward overlapping them. They fit from F6 forwards and the stringer one down from the top keel, right round to the bottom keel. Use the tissue overlap at the bottom keel to make a good almost invisible joint.



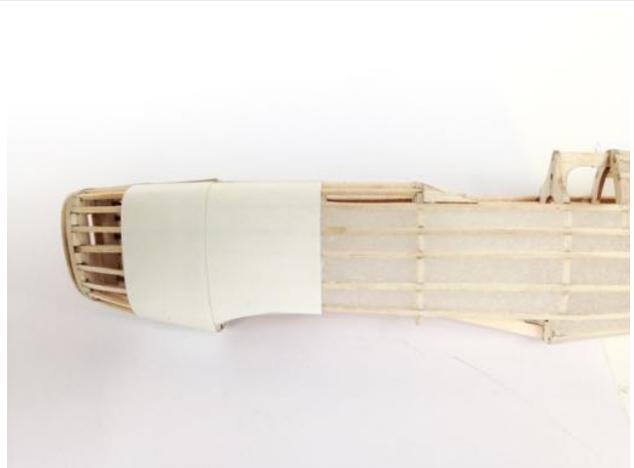
9) Continued



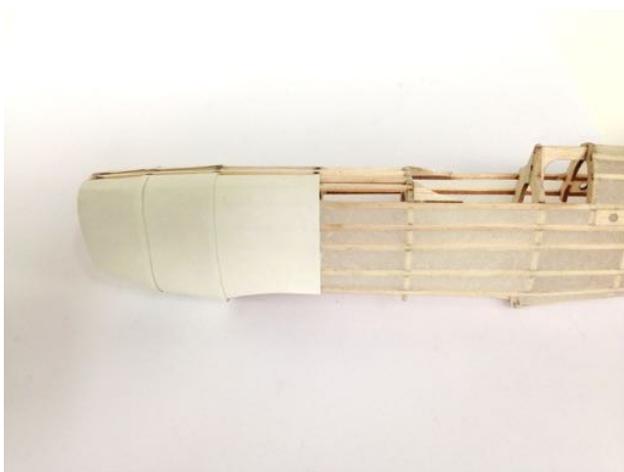
9) Continued



9) Continued



9) Continued



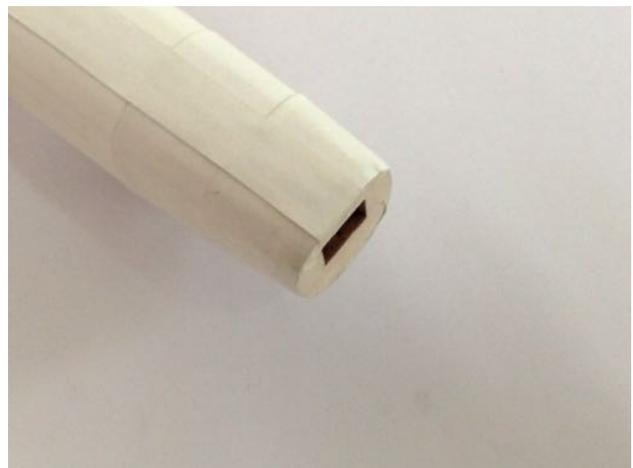
9) Continued



10) Trace 1 off of paper pattern Z and cover in tissue, folding back the rear edge only as before.



10) Continued: Fit over the gap at the top of the nose from side to side completing it. Use the tissue overlap to make a nice neat joint.



11) Dampen the long tissue overlaps on the front edge of patterns W and Z and then use thinned PVA to smooth and glue them over the nose.

