

SE5A - COVERING

THE FUSELAGE



- 1) Cover the fuselage in a similar way to the flying surfaces using a glue stick and thinned PVA on overlapping joints or where the glue stick cannot reach. The following is a suggested order for covering the fuselage:
- On each side:
- One piece running from F2 to the sternpost at the rear, along the top edge of K1.



- 1) a) Continued.



- The bottom:
- One piece running from F2 to F6, and noting change of colour,
 - One piece running from F6 right up to the rear.



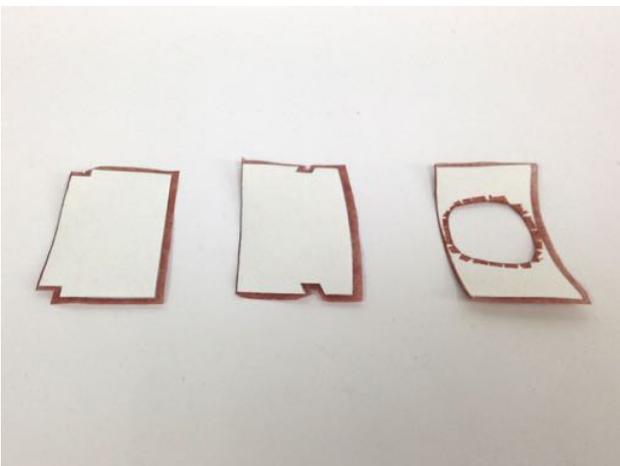
- The top:
- Cover the remainder of the top with a triangle shape between the top edges of K1 each side from F6 right to the rear – over all of the stringers.



- 2) 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, as the tissue shrinkage should be equal on both sides and no warps should occur.
- 3) Cut the tissue away in the slots where the tail plane will fit later.



- 4) Identify part HR1 and glue it centrally to the fuselage, tilting back slightly at the top edge as shown on the plan.



- 5) Trace paper patterns W, X and Y onto standard printer paper (80gsm) following the solid lines.

- 6) Using a glue stick, glue the paper parts to an area of tissue, leaving a gap between them. Once the glue has dried, cut them from the tissue sheet, leaving extra all the way round as indicated by the dotted lines on the plan. On rear edges of the parts only, fold the tissue back on itself and glue to the rear of the part thus hiding the white edge of the paper. Leave the other tissue edges to stick out.



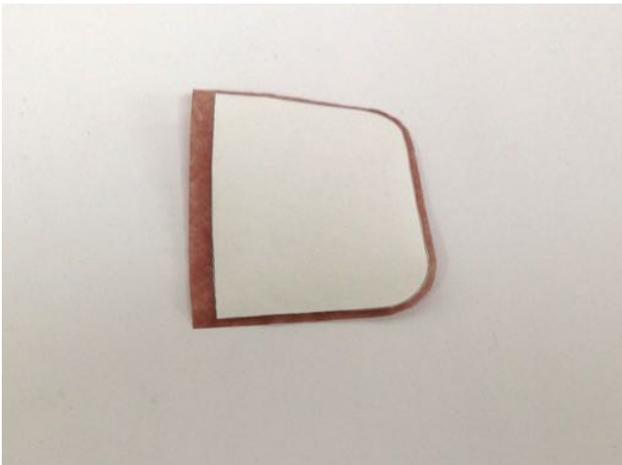
- 7) Fit part Y to the fuselage using a glue stick and PVA at the edges. Use the excess tissue to make a neat joint to the fuselage side (K1) each side.



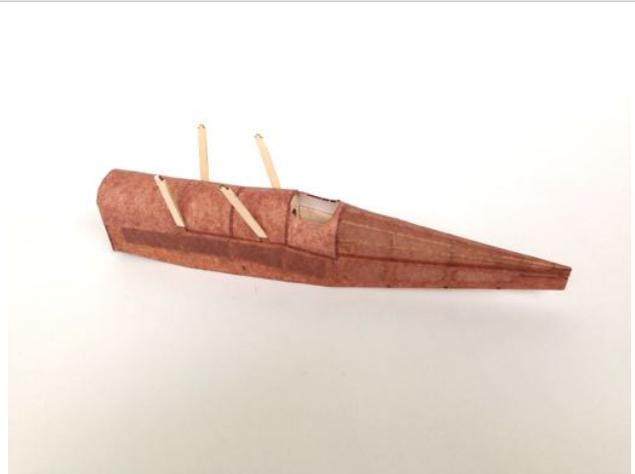
- 8) Repeat the process for part X and W working forwards.



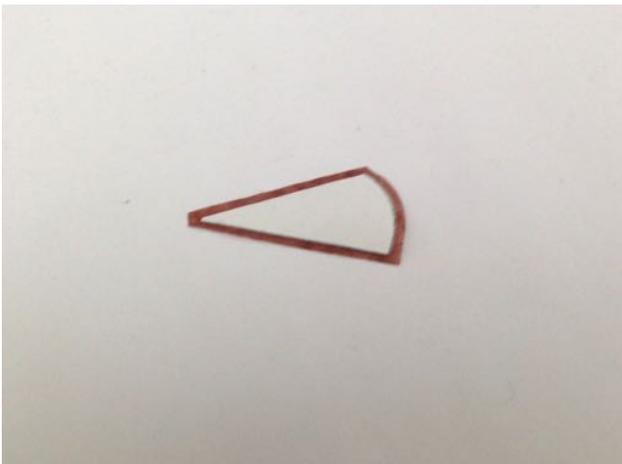
- 8) Continued



9) Trace paper pattern V onto standard printer paper (80gsm) following the solid lines. Using a glue stick, glue it to an area of tissue, ensuring that there is enough tissue to form the wide lip at the front edge. Once the glue has dried, cut it from the tissue sheet, leaving extra all the way round as indicated by the dotted lines on the plan. Leaving the wide tissue lip at the front to stick out. Fold all of the other tissue edges back on themselves and glue to the rear of the part thus hiding the white edge of the paper.



10) Fit part V to the fuselage using a glue stick and PVA at the edges. Refer to the plan to show where the lower edge meets the fuselage. Now use thinned PVA to smooth and glue the wide tissue lip over the nose.



11) Using a similar process make up the paper part Z.



11) Continued Do not fold over any of the edges, instead use them to make neat overlaps when you fit the part from HR1 to the fuselage.