

## NOTE-No wheels are supplied in this kit

SUPERMARINE SWIFT BUILDING INSTRUCTIONS. Cover the plan with a sheet of greaseproof paper.

FUSELAGE.

Pin pieces A, B, C, G and the strips of 3/16" x 1/16" directly over the plan and apply cement to all the joints. See sketch for

Cement the half formers 1 to 10 to the previously laid 'outline' (A, B, C, etc.) directly over the positions indicated on the plan. Keep these half formers perfectly upright with pins. Apply cement to the slots marked 'D' in formers 4, 5, 6 and 7, then press piece D (left) well up into these slots.

Study the arrangement of the stringers in the Side View, note there are two stringer joints at the position of former 4 although only the lower one is shown on the plan. A few stringers are left out on the plan for the sake of clearness.

The notch at the rear end of piece D is for the 'trough stringer'. Notice also that all the stringers at the rear excepting the centre one 'stop' on the inside face of former 10 and are comented here. DON'T have a stringer passing across the Wing Position between formers 4 and 7. The two centre stringers at the nose push into the holes provided in former 4. holes provided in former 4.

After cementing the stringers into the notches in the formers this haif of the true age may be removed from the plan ensuring of course that the cement has completely set. The other (or right hand) aide may now be constructed on to the first haif by cementing the haif formers directly opposite and in line with their counterparts on the first aide. Apply cement to the slots in formers 4, 5, 6 and 7, and press piece I) well home as before.

Add the stringers to this second side. Cement the two halves of the nose block on each side of pieces A and B and carefully carve to the shapes shown using a sharp knife, Figurily shape with me sandpaper.

From the piece of 1/4" x 1/4" balsa supplied cut the 'Clip' mount' to the exact length shown in the bale View, cement the letex 50 clip (supplied in each letex 50 outfit and not contained in this kit) to the Cup mount in the position shown (Side View). Check this kit) to the Cup mount in the position shown (Sade View). Check that the Clip is central and parallel with the Clip mount—Itils is important the Clip is central and parallel with the Clip mount—Itils is important the clip in the count using the screws supplied in each Jetex outfit, install the Clip mount with the Clip in place into the notches in formers 4 and 5 and the recess former in piece G—cement well. Cement pattern Z in place into the recesses in formers 5, 6, 7 and 8 so as to form a 'trough'. Cement a piece of asbestos paper on to pattern Z as shown on the plan. Cement pieces W and K in place as shown.

Two pieces Y are required and are cemented on each side of the fuselings fitting singly over the wing when the latter is in place. Cement the packing pieces of 1/24" in position on the top edge of the centre stringer to raise the trailing edge of the tailplane as shown.

Using paste as adhesive, tissue cover the fuselage with 'bands' of tissue which wrap round the fuselage and span the distance between two formers. Leave the cortion as the wing position uncovered. Water shrink the tissue and when the water has dried out, apply a coat of Keil Kraft clear dope. Cut the cockpit cover to the length and shape shown, then paint and cement in place. Add the tail cone.

Hold the front and rear lower spars of 1/16" x 1/16" in position on the plan by placing pins on either side of the wood. Leave the front lower spar protruding beyond R1 as shown. Pin a strip of 1/4" x 1/16" over the outer portion of the trailing edge then using a steel rule, trim off the angle between ribs R2 and R3. The portion which remains after cutting to this angle will, when turned over, be the correct shape for the inner portion of the trailing edge. Cement the joint between the inner and the outer pieces. Cement the ribe in position. Cement R1 in place using the template as shown to obtain the necessary 'till' (R1 on each wing). Apply cement to the notches in the front of each rib and cement the leading edge of 3/16" x 1/16" into these notches. Check the tilt in ribs R1' again and if correct, cement the top spar into the notches in the top of each rib. in the top of each rib.

Roughly shape the tip blocks from 1/4" x 1/4" balsa, remove the wings from the plan and cement the blocks to ribs R5. Finish off the shape of the tip blocks with fine sandpaper.

Tissue cover above and below on each wing, water shrink the tissue then apply a coat of thin clear dope.

Cut out the Tallplane, 'E' and the Fin and sandpaper to a smooth surface. Cement the two halves of the Tailplane together with the dihedral as shown. Cut a slit in the tissue on the fuseiage between formers 9 and 10 and immediately above the centre stringer (both sides). Insert the Tailplane and cement into position resting at the front on the centre stringer and at the back on the 1/24" packing previously cemented in place.

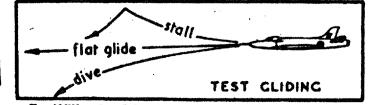
(lear away the tierne over the clot in place C then away the

Clear away the tissue over the slot in piece C Fin and piece E squarely in place.

Apply cement to rib R1 (one wing at a time) and carefully press the wing into position on pieces D of the fuselage. Notice how the protruding spars fit into the holes in these pieces. When both wings are in position check that there is at least 3/4" dihedral under each wing tip (see Front View).

Pieces Y may now be cemented in position on either side of the fuselage to fill the gap at the wing root, and fairings T cemented in place where shown. Using very thin coloured dope, the model may be finished aluminum silver all over.

FLYING. With the Jetex 50 loaded and clipped in position, test glide the model by hand launching from shoulder height on a slightly downward path directly into the wind. If the model dives—see sketch below—add a small piece of plasticine to the inside of the tail cone. If the model stalls add a small piece to the nose block. When a fast flat glide has been obtained, jet power may be used. We advise reading the instruction leaflet supplied in the Jetex 50 outfit before attempting power flights.



E. KEIL & CO. LTD., WICKFORD, ESSEX.

