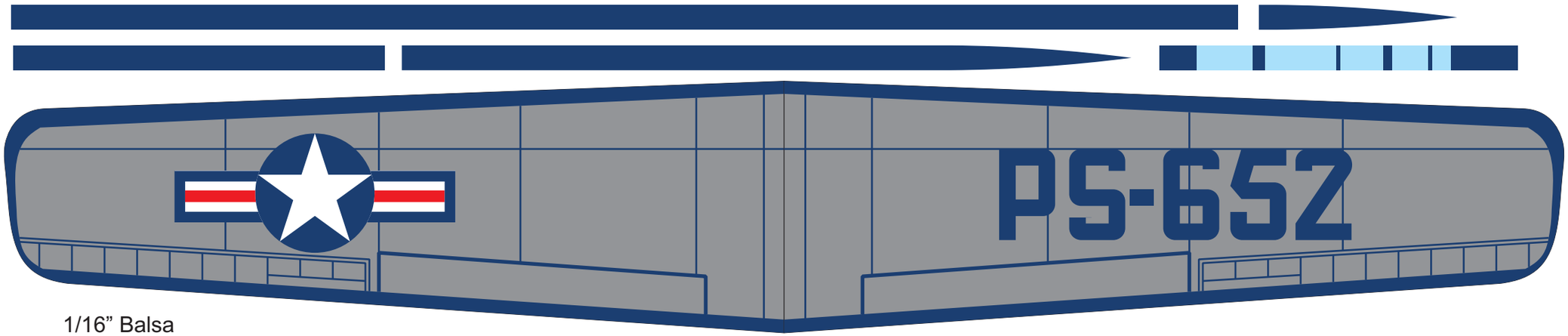
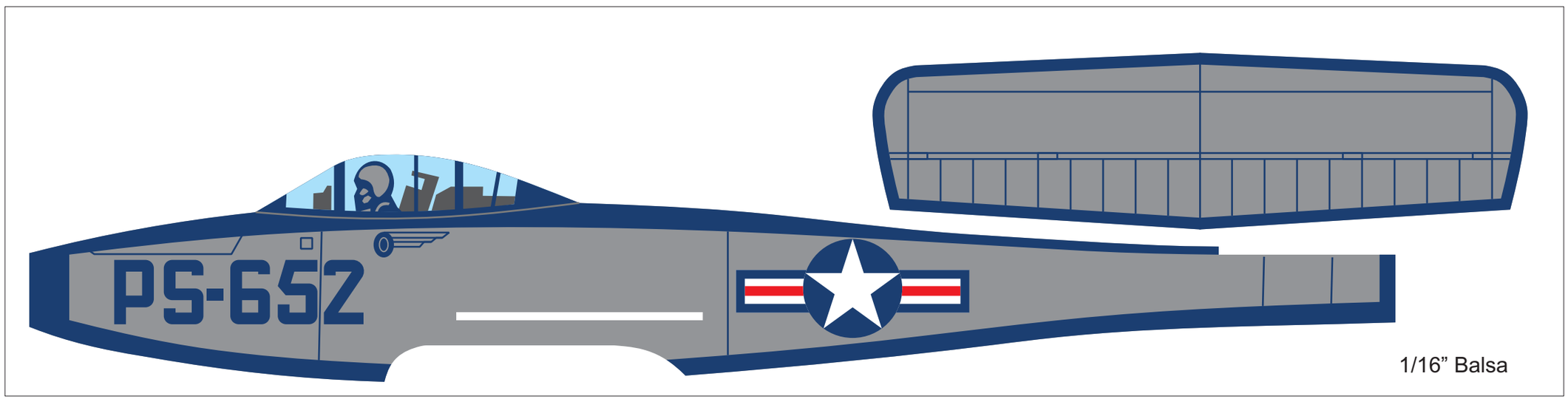
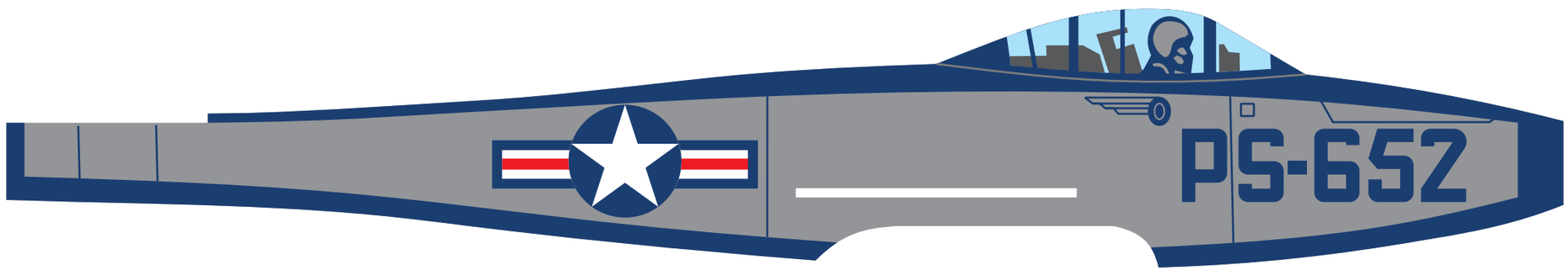
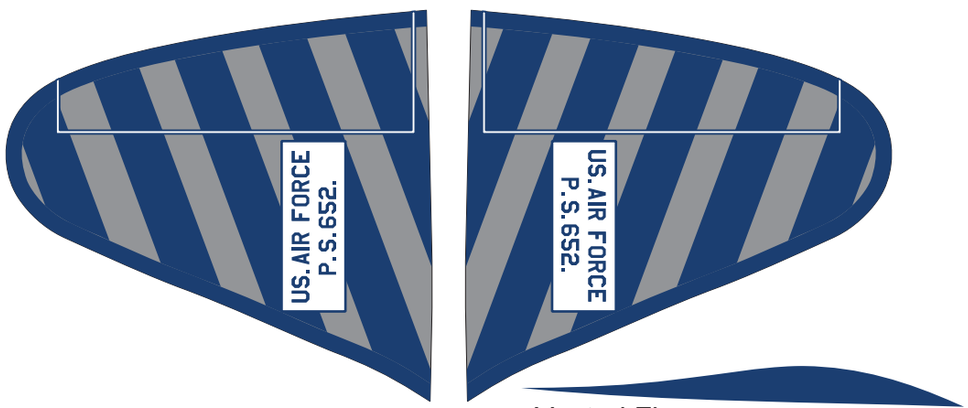


1/16” Balsa


PS-652
1/16” Balsa

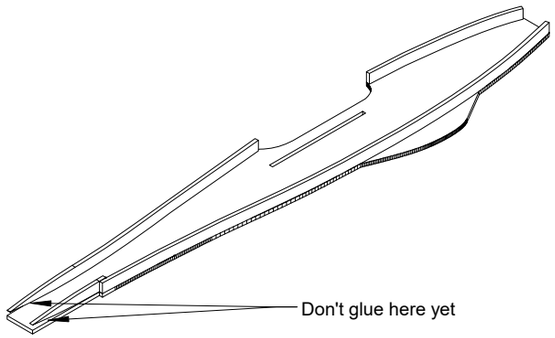


1/16” Balsa


US.AIR FORCE
P.S.652.
US.AIR FORCE
P.S.652.
Ventral Fin
1/32” Balsa

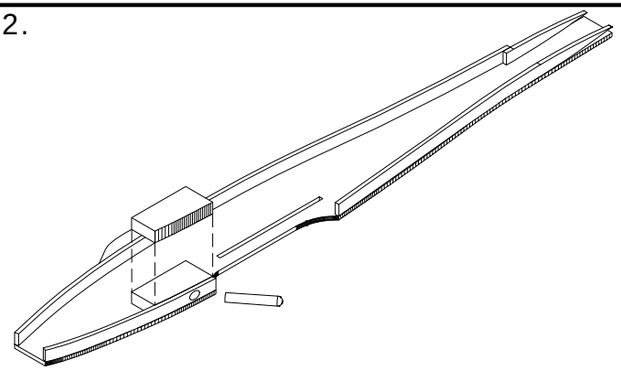
SUPPLEMENTAL ASSEMBLY INSTRUCITONS

1.



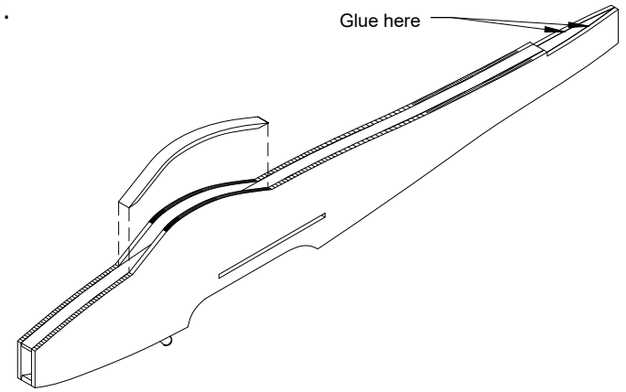
Glue the 3/16" wide fuselage edge pieces to one side of the fuselage as shown. The bottom rear piece should follow the bottom fuselage contour rather than as shown on the kit instructions.

2.



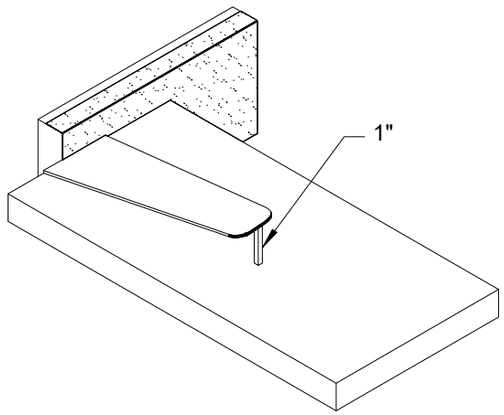
If the model is to be flown as a catapult launch glider, glue a piece of 3/16" balsa to the fuselage as shown. Also dirll a 1/8" diameter hole and install a length of 1/8" dowel.

3.



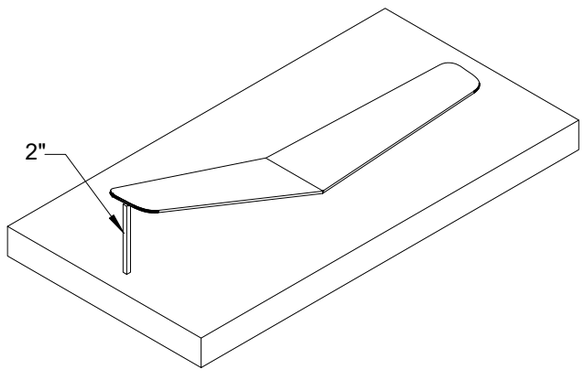
Glue the other fuselage side to the assembly. When the glue is set pull the sides together at the rear and glue. Also glue the canopy edge piece to the assembly.

4.



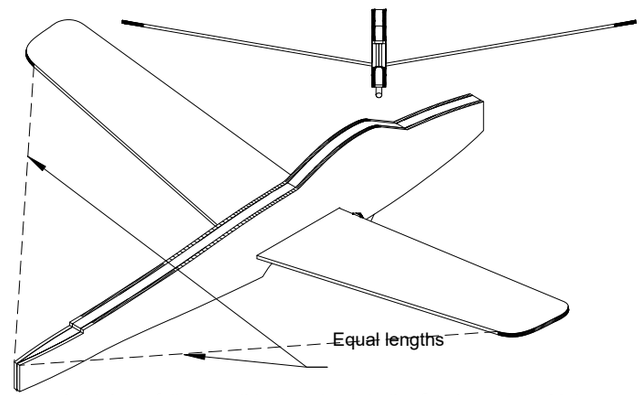
Block each wing tip up 1" and sand the root to an angle as shown.

5.



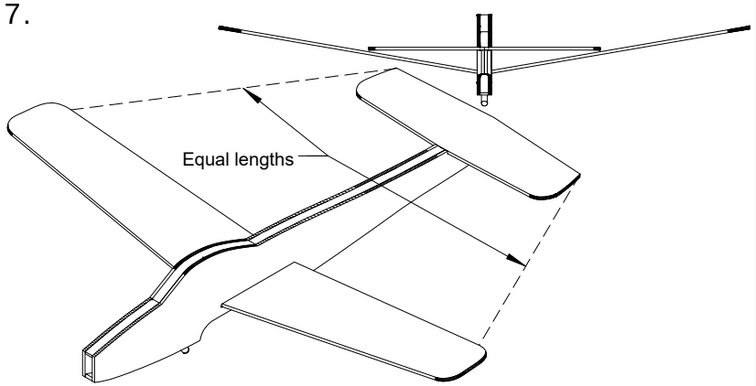
Pin down one wing panel to your building surface. Apply glue to the root of the opposite panel and glue it to the pinned down panel. Block up the tip 2" from the building surface.

6.



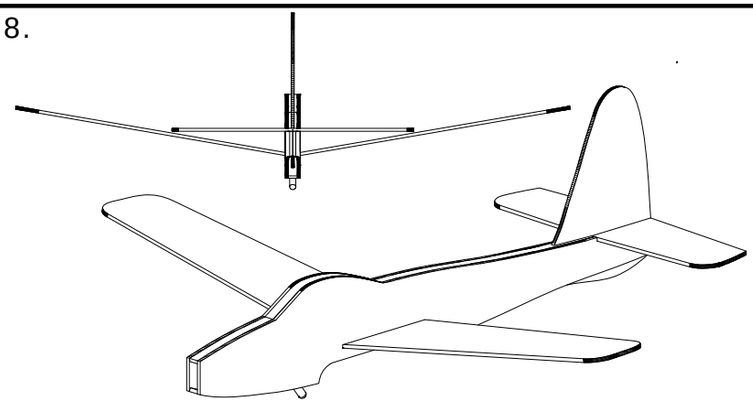
When the center wing joint is fully set, slide the wing into the fuselage slots. Make sure the distances from the rear edge of the wing tips to the rear of the fuselage are equal.

7.



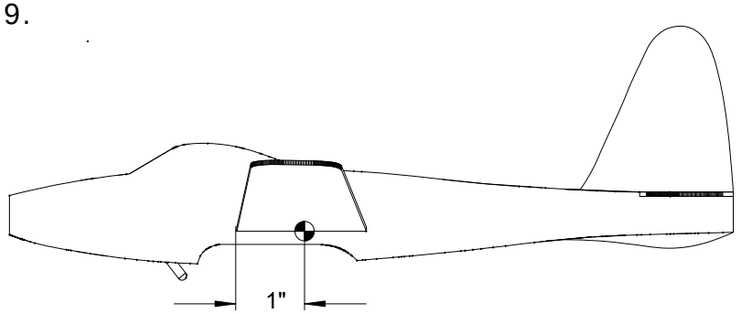
Glue the stab to the fuselage. Make sure the distances from the stab tips to the wing tips are equal. Also make sure the stab is square to the fuselage when viewed from the rear.

8.



Glue the fin and ventral fin halves together. When dry glue them to the fuselage as shown. Make sure they are square to the stab when viewed from the rear.

9.



Check the CG location. It should be 1" back from the wing leading edge at the root. If necessary add ballast to the nose to balance the model.

VERON

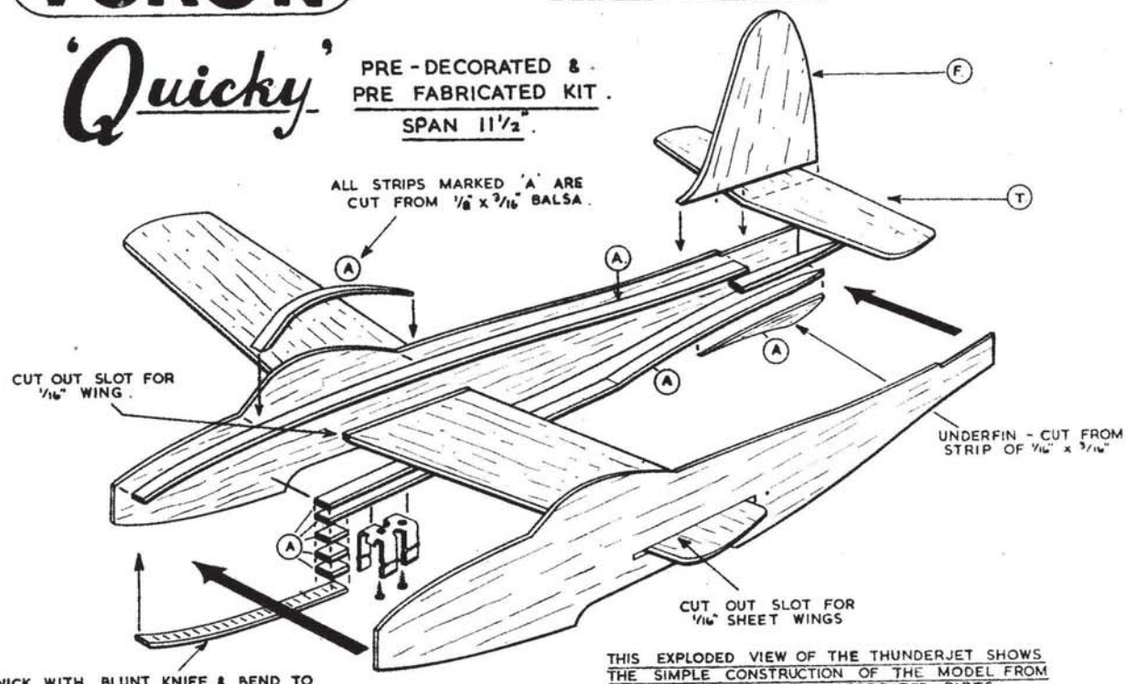
No. 7. REPUBLIC THUNDERJET.

For JETEX "35" or "50".

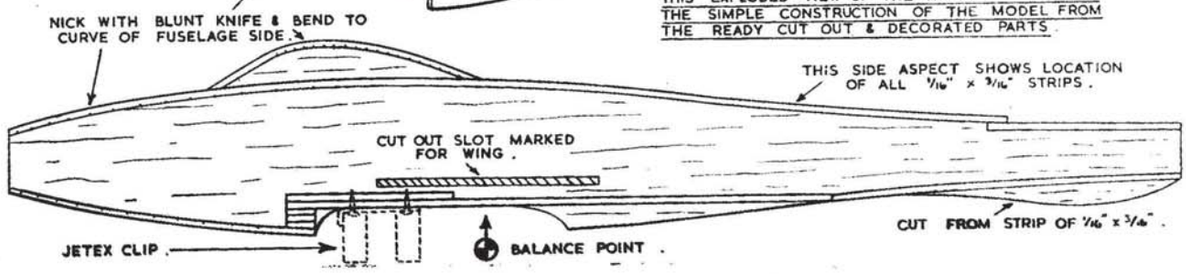
'Quicky'

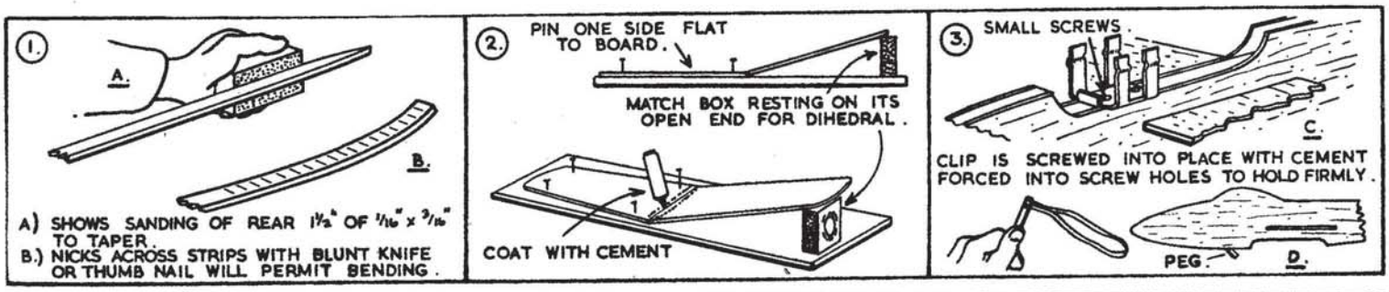
PRE-DECORATED & PRE FABRICATED KIT.

SPAN 11½".



THIS EXPLODED VIEW OF THE THUNDERJET SHOWS THE SIMPLE CONSTRUCTION OF THE MODEL FROM THE READY CUT OUT & DECORATED PARTS.





This new series of VERON "QUICKY" Scale Flying Models are the last word in simplicity. Accurately die-cut, pre-decorated parts can be assembled in a jiffy to make nifty little semi-silhouette models with an amazing performance. You need only balsa knife, cement, pins, pliers and small flat board to complete these fascinating little models. Designed primarily for the JETEX "ATOM 35" Motor, the JETEX 50 and 50B Motors can also be fitted to give extra power with full stuntability. Nos. 1 to 6 in this series are rubber driven models.

Study the plan carefully and identify all the parts in your kit. The "exploded" drawing does not necessarily denote the sequence of assembly so read all the instructions carefully. Use a quick drying balsa cement. Dopes or paints are not necessary as all the parts are ready coloured. Extra details and finish to the edges and cabin, etc., can be applied with any ball-point pen.

FUSELAGE.

Superimpose one side on the other and cut out the 1/16" wing slots together, to ensure their alignment, irrespective of the printed slot position on the second side.

Cut the strips of 1/16" x 3/16" to length as required and cement to the inner face of the right hand or starboard fuselage panel, locating with pins. The full-size side diagram will give their exact locations. To permit the strips to follow the curved edges of the panel where necessary, they may be steamed to the requisite curve over a kettle spout or rolled with a pencil. Nicking with a blunt knife or thumbnail print every ¼" will also permit bending of the strip without breakage. Use plenty of cement where small lengths of strip are laminated, especially at the front of the motor bay or nose.

The rear 1½" of strips at the tail-bay are sanded with sandpaper and wooden block before being located, thus permitting the two sides to be drawn together at the rear. See diagram No. 1. Note that there are two laminations of strip at the position where the JETEX clip is to be screwed in place.

Cement the left hand or port side panel in place. Draw the two sides together at the stern-bay and hold with a clothes peg whilst drying. Check that both sides are level one with the other, especially the wing slots.

When quite dry sand the edges of all the strips smooth, particularly the nose and cockpit. If desired fill in details on the strip edge with a blue ball-point pen.

WINGS.

Put in the dihedral angle on the wing by lightly scoring the centre line of the wing on its upper surface. Do not cut right through. Fill the score mark with cement and gently bend in the dihedral angle. Pin one wing panel to the building board as in diagram 2 and support the other tip upon a matchbox resting upon its open slotted end. Coat the dihedral break again with plenty of cement. When quite dry, remove from the board and check that no warps have twisted the panels.

Firmly locate the wing through its slot (leading edge to the front) and secure with cement. Check that the dihedral is even both sides and the wing square and level with the fuselage.

TAIL ASSEMBLY.

Lay the tailplane in its respective position and check that it will sit level by sighting along the fuselage and checking its position against the wing. If satisfied, cement firmly in place. Also locate and cement the fin in place and check that this is upright and also in alignment with the fuselage. Check frequently whilst both are drying.

MOTOR INSTALLATION.

The JETEX 50, 50B and ATOM 35 units all have different weights so the motor position depends upon which motor is being fitted. The balance of the model is always checked with an un-charged motor. Locate the motor in its clip and locate in its approximate position with a light rubber band around the fuselage. Balance the model by suspending by the wing tips upon the finger tips in alignment with the position indicated upon the plan. The model should hang slightly nose down (its natural gliding position) and this is achieved by moving the motor backwards or forwards. If the motor is right forward and the model still hangs nose up, add plasticine to the nose.

Mark the clip position and remove the motor. Pencil point the positions for the two small screws (supplied with the clips) and gently ream out with a pin or fine bradawl. Fill these holes with cement well rubbed in then locate the clip and screw firmly in place. When set, position the motor and check its alignment with the fuselage.

TRIMMING AND FLYING.

The model should be glide tested in very calm conditions over a grassy field or lawn, and with the motor uncharged. If the model glides steeply into the ground, bend the rear edge of the tailplane slightly upwards or add very small tabs of gummed paper tape to the trailing edge. If the model tends to climb and stall in a nose-up attitude, bend the tailplane rear-edge very slightly down, or perhaps add plasticine to the nose. A small gummed paper tab on the fin trailing edge will give directional trim.

Now charge the motor, ignite and launch the model level into wind. All powered flight adjustments should always be made on the motor thrust settings by small shims of cardboard under the mounting clip. Remember that to keep the nose of the model down during powered flight, downthrust must be used — that is, the jet must be pointed downwards — so packing of thin shims of card are placed under the REAR screw. The opposite adjustments are made for a "nose-down" tendency during powered flight. Where possible use the ATOM 35 motor for flight adjustments before fitting a JETEX 50 or 50B.

Diagram 3D shows how your model can be used as a catapult glider by fitting a bamboo peg or short length of ¼" round dowel under the nose. An elastic band looped around a stick will suffice for a catapult. A little extra ballast weight in the nose will probably be required.

MODEL AIRCRAFT (B'MOUTH) LTD. NORWOOD PLACE · BOURNEMOUTH

FLYING SCALE MODEL

THUNDERJET

FOR JETEX 35 & 50

VERON

PRE-FORMED PRE-DECORATED
SHEET BALSA CONSTRUCTION

QUICKY KIT

Can be assembled in half an hour

It's VERON - It's Value!

MODEL AIRCRAFT (BOURNEMOUTH) LTD. NORWOOD PLACE, BOURNEMOUTH

VERON QUICKY
THUNDERJET