



— AVENGER —

For maximum strength, use only Aero-Flyte Cements especially prepared for use with balsa-wood. Super C23 cement for maximum strength around motor mounts, formers, etc., and Super C17 cement for the remainder of the air frame.

STEP 1 Attach the ready formed undercarriage to the ply former F2 with split pins, taper the engine bearers as shown and cement F1 and F2 to the bearers.

STEP 2 Build the inboard wing over the plan by pinning the bottom mainspar into place, place the ribs on this spar, pin the leading edge, bottom trailing edge, and top mainspar to the ribs, cement all joints thoroughly then add the top trailing edge. Make sure that you use the ribs with the lead out holes for the inboard wing. Next turn the plan over and build the outboard wing on the reverse side. When completed join the wings with the two wing braces and the trailing edge brace, fitting the control plate mount at the same time. Now fit the control plate, lead our wires and push rod wires as shown in diagram 1. Make sure that the controls operate smoothly and complete the wing by cementing the top and bottom leading edge sheeting, centre sheeting, wing tips and cap strips into place.

STEP 3 Cement 1/16" sheet vertical doublers to the fuselage sides allow to dry and slide the sides over the wing. Place the fuel tank in position and cement the fuselage sides to the ply motor mount assembly. Cement formers F3 to F6 into place and firmly cement the wing to the fuselage. Next build the tailplane over the plan as shown, sand to shape, fit the tape hinges and wire control horn. Bend the tailplane pushrod wire at right angles, place it through the wire horn and solder a retaining washer to the wire, then cement the tailplane to the fuselage. Attach the wing flaps with tape hinges, fit the control horn and attach the short pushrod wire to it. Check the entire control system for free movement up and down. Bolt the motor into place as shown in diagram 2.

STEP 4 Complete the model by attaching the block top, tailwheel, fuselage bottom sheeting, fin, canopy, etc. Shape and fit the nose cowl from the block supplied. Sandpaper the entire model to a smooth finish all over, apply a coat of dope, sand again and cover in silk or tissue, whichever you prefer.

