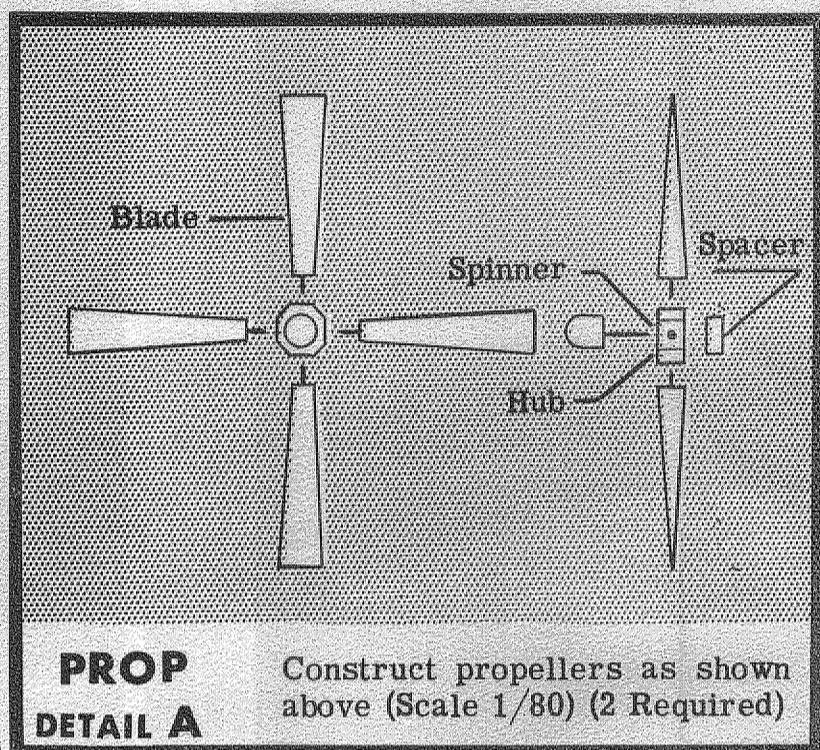


CENTER LINE

BOTTOM VIEW

SYM. ABOUT CENTER LINE EXCEPT FOR INSIGNIA



**PROP
DETAIL A** Construct propellers as shown above (Scale 1/80) (2 Required)

GENERAL ASSEMBLY

After the parts have been formed it is suggested the model be tentatively assembled for checking the fit and angles desired. Then glue and fasten permanently.

1. Attach center wing section to fuselage.
2. Fit nacelle-boom sections to center wing section (checking angles and fit as you proceed).
3. Position and glue into place the horizontal stabilizer between the booms as indicated.
4. Place and attach the fins (vertical, dorsal and ventral) to the boom in their proper positions.
5. Join outer wing panels to center wing section as previously stated, position to correct angle and glue.
6. Install landing gear if desired and add doors.
7. Propeller construction shown in Detail A. The blades are painted black, 1/16" yellow tips.

OUTER WING PANEL

1. Outline wing contour and saw blanks leaving tips square. Draw airfoil on root and tip ends.
2. Plane blank to wing taper, sand both length-wise and span-wise. Work leading edge radius gradually into sharpness of trailing edge.
3. Shape tips to outline and carve off curvature of bottom surfaces of tip.
4. Mate root end with center wing section. Small pins may be inserted between the two sections for strength. Hold this for general assembly instructions.

LANDING GEAR OR PEDESTAL

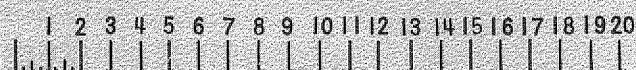
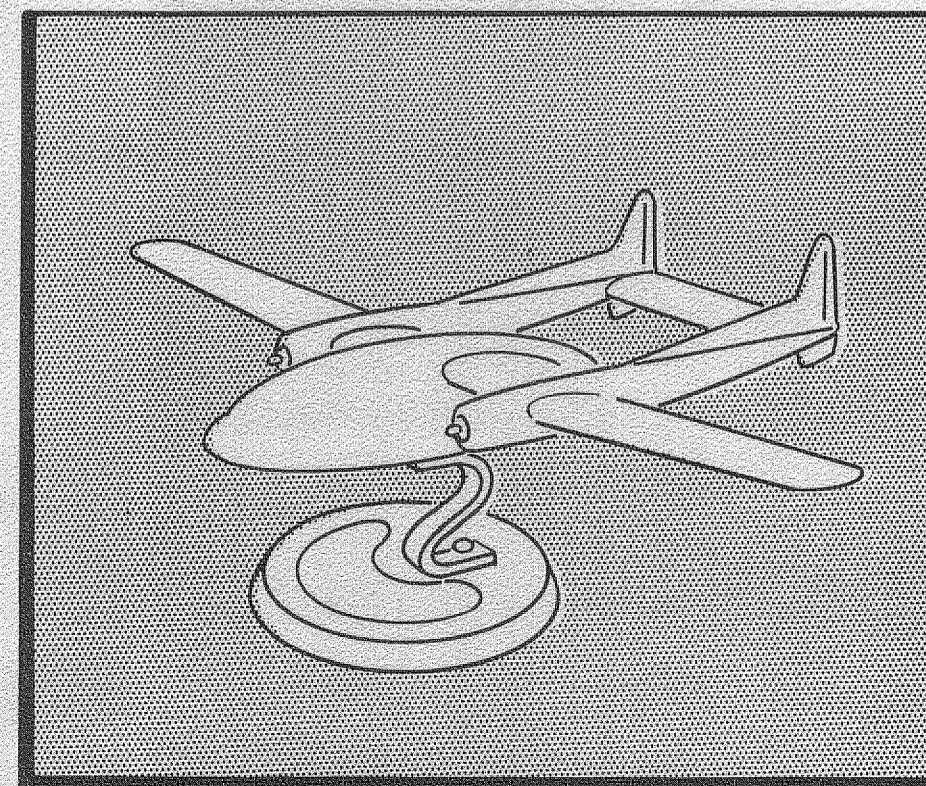
The model builder has the option of finishing his model as a pedestal or landing gear type. Should the preference be for the pedestal type the construction of landing gear and nacelle doors can be eliminated, the model assuming an attitude of flight being attached to a pedestal of the builder's choice (see example illustration).

Should landing gear be preferred use solderable metal rod or tube for struts - 1/16" diameter on both nose and main landing gear. 1/8" rod (filed to shape) to represent oleo piston. Use 1/16" rod, 9/16" long for axles on main gear and 1/16" rod, 5/16" long for nose gear axle. Assemble the gear structure (as shown in detailed drawing) by soldering - allowance should be made in rod lengths for anchoring the upper ends into the airplane. Upon installation be sure the gear is positioned in the correct angle. Use 5/8" dowel rod for main wheels and 9/16" for nose wheel, cut off 1/4" for each main and nose wheel then shape to contour (you may find wheels appropriate for this model at your model or hobby shop). Drill 1/16" holes for axles. Slip wheels on axles, add a drop of solder to axle end to secure wheels. Sand wheels and apply 2 coats of wood sealer, sanding fine after each coat.

Nacelle doors and nose wheel doors should be shaped as illustrated on main assembly drawing, and glued in their indicated positions after the gear has been installed.

FINISHING DETAILS

1. Apply putty or weldwood for all fillets and file to proper radius with dowels wrapped in sandpaper.
2. Putty all holes, cracks and poor fits, then sand smooth with finest sandpaper.
3. Apply two (2) coats paint primer, sand smooth.
4. Apply two (2) coats aluminum paint, sand after first coat.
5. Scribe details such as control surfaces, cowl flaps, etc.
6. Paint scoop openings, tires, wheel wells 'USAF' flat black.
7. Mask windshield and canopy braces, paint glass surfaces glossy blue or black.
8. Paint or affix insignias as indicated.
9. Give completed model one (1) coat of clear varnish.



Scale in Feet

Model Plans (1/80 Scale)