BUILDING INSTRUCTIONS

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 airframe.

STEP 1

Join the top and bottom halves of each fuselage side, lay each one flat on your building board and cover the sides back to the point shown with 1/16" sheet balsa, with the grain at an angle of 45°. Now cement the 1/4" x 1/4" and 1/8" x 1/8" longerons to each fuselage side. Cement ply formers F1 and F2 to the engine bearers. When dry cement the fuselage sides to this assembly and complete the basic fuselage by fitting F3 and F4, all uprights, crosspieces, gussets, dowels, block, ply undercarriage plate, top and bottom sheeting and fin R1 and R2.

STEP 2

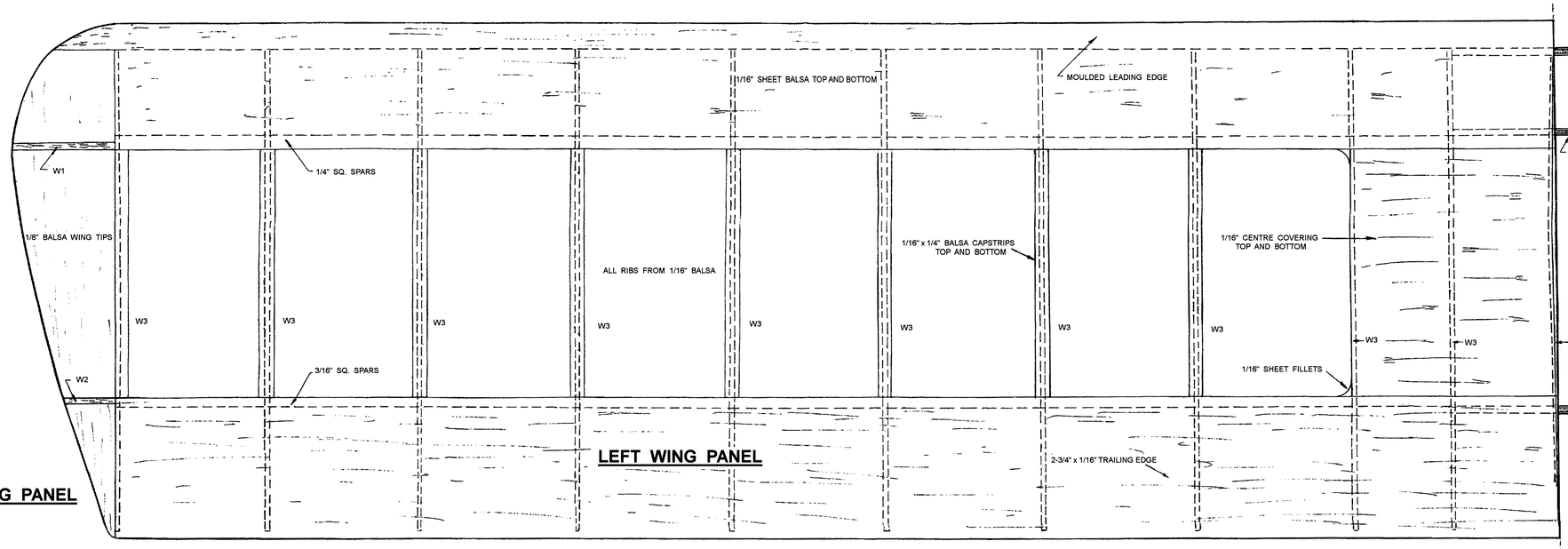
The wings are built in two halves and joined when complete. Pin down the leading and trailing edge bottom sheeting and bottom spars and cement the ribs into place. Now add top spars, leading edge, top sheeting, tips, gussets, and cap strips. Join the wings and complete the centre sheet covering.

STEP 3

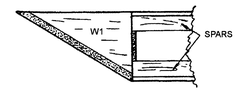
Pin down the tailplane leading edge, trailing edge, mainspar and tips and then fit the rib strips, centre sheeting and tip gussets T1. Sand to a smooth airfoil section.

STEP 4

Sand down the entire model to a smooth finish all over and cover the fuselage with tissue and the wing and tailplane with silk. Give all surfaces several good coats of dope. Instructions are not given for fitting the radio gear as this varies with the type used.



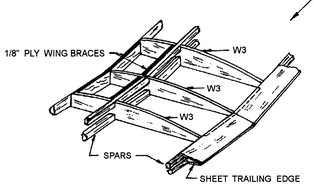
LEFT WING PANEL

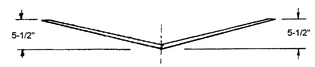


SECTION THROUGH WING TIP

1/8" PLY WING BRACES (3)

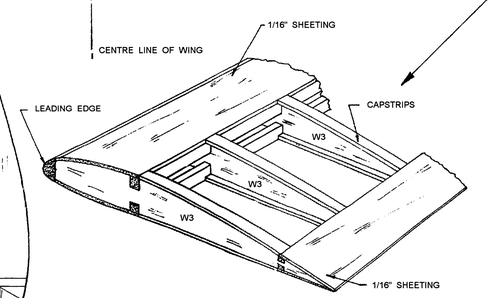
WING VIEW SHOWING CENTRE SECTION LAYOUT



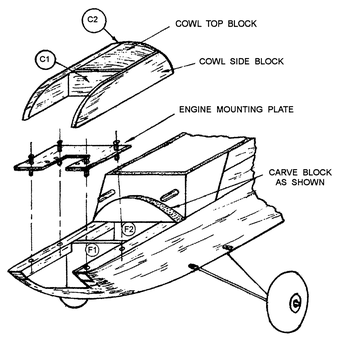


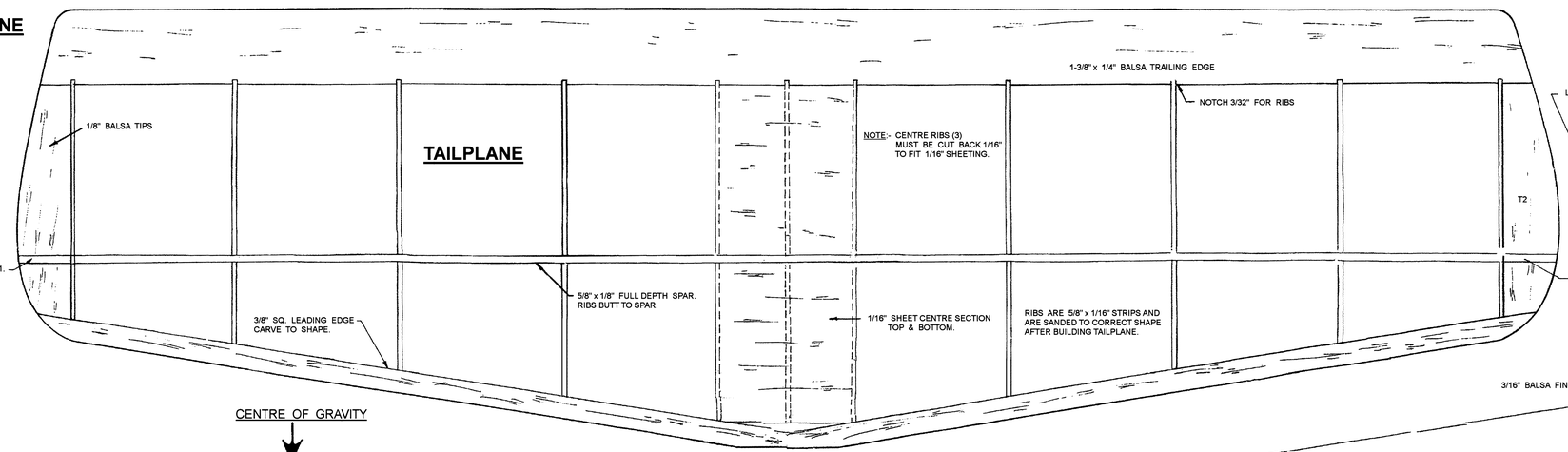
WING DIHEDRAL DIAGRAM

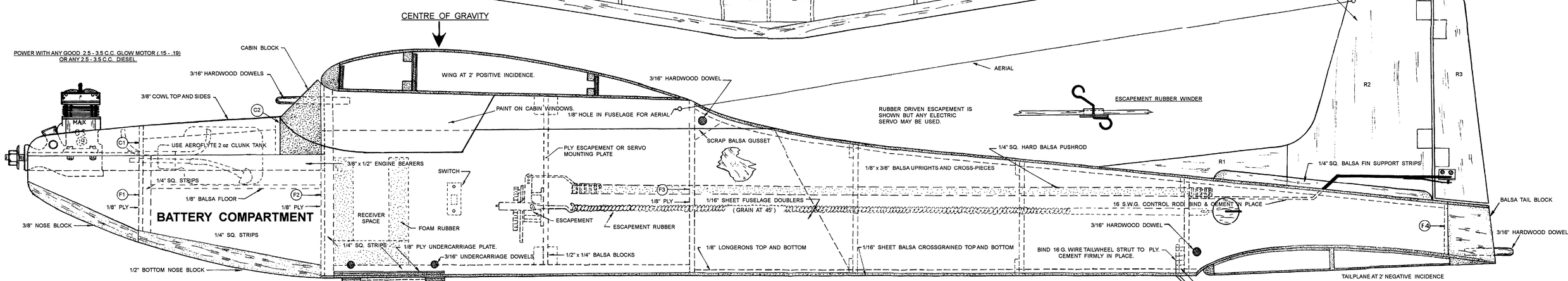
WING VIEW SHOWING FIXING OF SHEETING & CAPSTRIPS



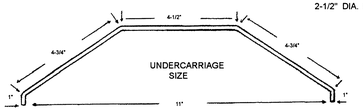
TAILPLANE







FUSELAGE SIDE VIEW



HUSTLER

Digitally restored by John Moody, 2014.