

MATCH TO WING PLAN

1/8" X 1/2" TRAILING EDGE

1/8" SQ. LEADING EDGE

WING RIBS

MAKE 8 OF NO. 1 AND 2 EACH OF REMAINDER. ALL CUT FROM 1/16" SHEET.

1/8" X 1/4" MAIN SPAR TAPERED TO 1/8" SQ. AT TIP.

BOND PAPER FAIRING

BLACK TISSUE STRIPS FORM COWL FLAPS

WING AND STABILIZER SET AT 0° INCIDENCE.

SOME STRINGERS NOT SHOWN FOR CLARITY

NOSE BLOCK DETAIL

SOFT BALSAM BLOCK HOLLOWED TO 1/8" WALLS

.040 STEEL WIRE

CELLULOID

WING SECTION

BOND PAPER

7/8" DIA. BALSAM WHEEL

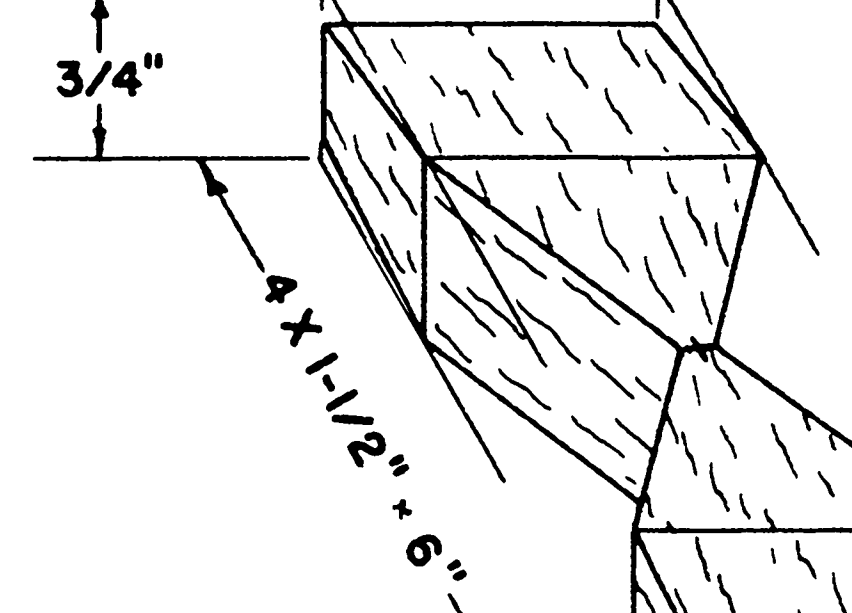
1/32" SHEET COCKPIT

BLACK TISSUE WINDOWS AND DOOR

"S" HOOK 2 REQUIRED .040



PROPELLER BLANK 1-1/4"



CARVE LEFT AND RIGHT PITCH PROPS.

OPENING FOR PASSAGE OF MOTOR TO REAR HOOK

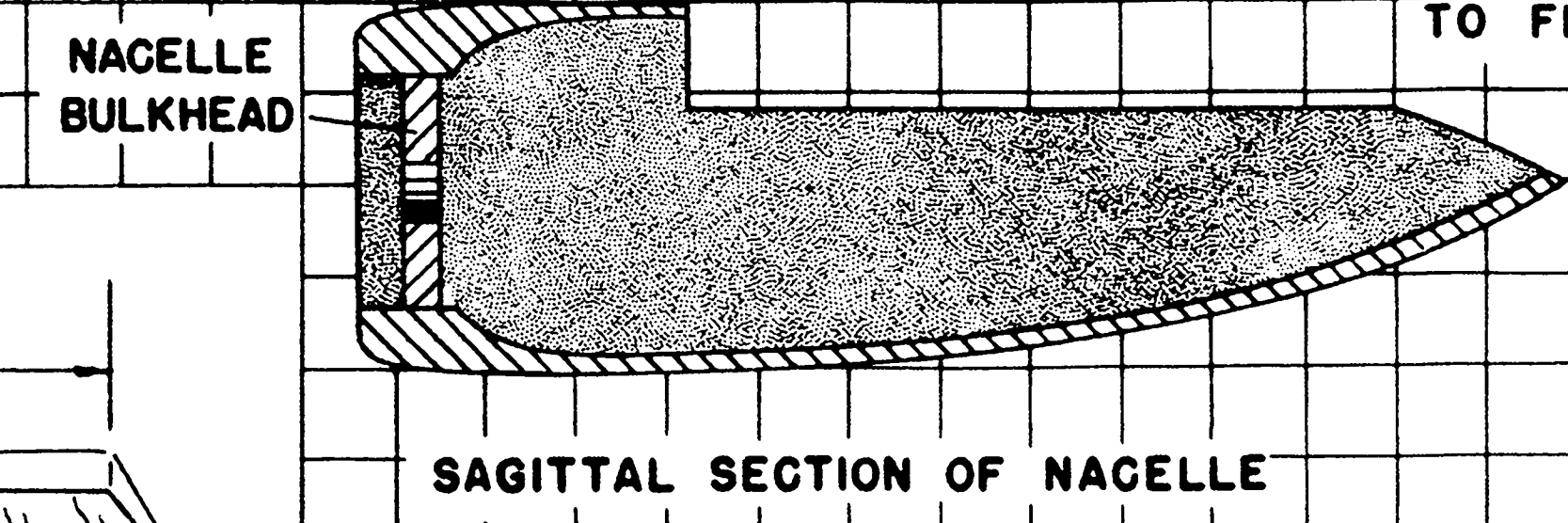
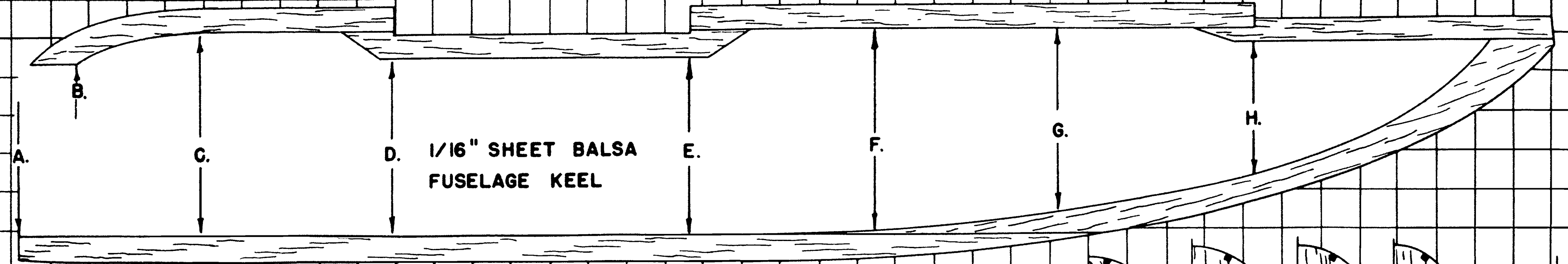
POWER: EACH MOTOR IS 4 TO 6 STRANDS 1/8" FLAT BROWN RUBBER.

NOTE: FUSELAGE TOP VIEW IS SHOWN ABOVE ϕ . BOTTOM VIEW OF FUSELAGE AND WING IS SHOWN BELOW THE ϕ .

RUDDER OUTLINE 1/8" SHEET RIBS AND SPAR 1/16" X 1/8"

FUSELAGE KEEL (IN GRAIN)

ALL STRINGERS 3/32" SQ.



SAGITTAL SECTION OF NACELLE

NACELLE BULK'D 3/16" SHEET

ALL FUSELAGE BULKHEADS ARE 1/16" SHEET

1-1/2" DIHEDRAL

FRONT VIEW

BLACK TISSUE

STABILIZER CONSTRUCTION

1/8" SHEET OUTLINE

REAR HOOK

1/8" SQ. RIBS AND SPAR

NACELLES ARE CARVED FROM 2" X 2" X 6 3/4" INDOOR GRADE (4-5 LBS/GU/FT.) BALSAM BLOCKS. SPLIT DOWN CENTER AND HOLLOW WALLS TO 3/32" DEPTH AS SHOWN ABOVE.

1/16" SHEET 'FILL-IN' BETWEEN STABILIZER AND STRINGER.

HARDWOOD NOSE PLUG

NACELLE BULKHEAD

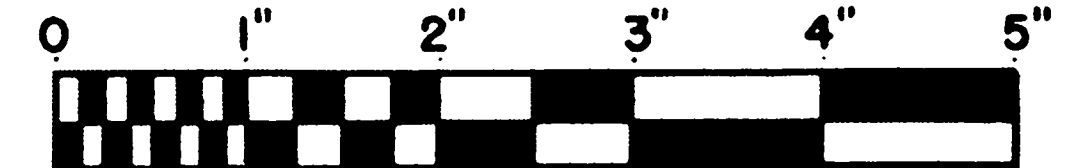
1" DIAMETER DUAL BALSAM WHEELS

.040

BIND AND CEMENT

SOLDER

SCALE:



DESIGNED & DRAWN BY S. RICHARD STRUHL CAPT., A.A.F.