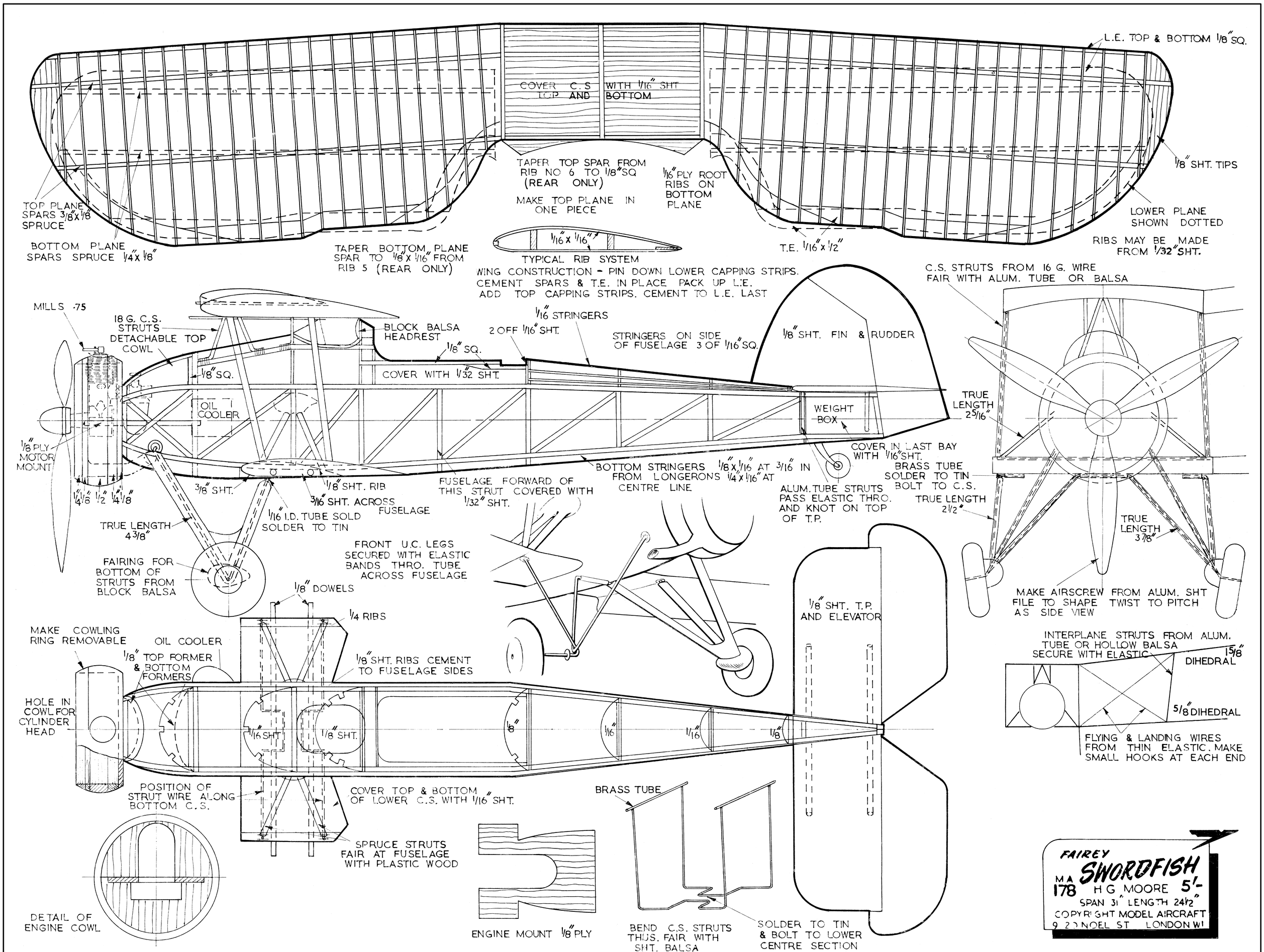
L.E. TOP & BOTTOM 1/8" SQ.
COVER C.S TOP AND WITH 1/16" SHT BOTTOM
1/8" SHT. TIPS
TAPER TOP SPAR FROM RIB NO 6 TO 1/8" SQ (REAR ONLY)
1/16" PLY ROOT RIBS ON BOTTOM PLANE
MAKE TOP PLANE IN ONE PIECE
TOP PLANE SPARS 3/8" x 1/8" SPRUCE
LOWER PLANE SHOWN DOTTED
BOTTOM PLANE SPARS SPRUCE 1/4" x 1/8"
TAPER BOTTOM PLANE SPAR TO 1/16" x 1/16" FROM RIB 5 (REAR ONLY)
1/16" x 1/16"
TYPICAL RIB SYSTEM
T.E. 1/16" x 1/2"
RIBS MAY BE MADE FROM 1/32" SHT.
WING CONSTRUCTION - PIN DOWN LOWER CAPPING STRIPS. CEMENT SPARS & T.E. IN PLACE PACK UP L.E. ADD TOP CAPPING STRIPS. CEMENT TO L.E. LAST
C.S. STRUTS FROM 16 G. WIRE FAIR WITH ALUM. TUBE OR BALSA
MILLS ·75
18 G. C.S. STRUTS
DETACHABLE TOP COWL
BLOCK BALSA HEADREST
1/16" STRINGERS
2 OFF 1/16" SHT.
1/8" SQ.
STRINGERS ON SIDE OF FUSELAGE 3 OF 1/16" SQ.
1/8" SHT. FIN & RUDDER
1/8" SQ.
COVER WITH 1/32" SHT.
OIL COOLER
WEIGHT BOX
TRUE LENGTH 2 5/16"
1/8" PLY MOTOR MOUNT
COVER IN LAST BAY WITH 1/16" SHT.
BRASS TUBE SOLDER TO TIN BOLT TO C.S.
BOTTOM STRINGERS 1/8" x 1/16" AT 3/16" IN FROM LONGERONS 1/4" x 1/16" AT CENTRE LINE
1/4" 1/8" 1/2" 1/4" 1/8"
3/8" SHT.
1/8" SHT. RIB
3/16" SHT. ACROSS FUSELAGE
FUSELAGE FORWARD OF THIS STRUT COVERED WITH 1/32" SHT.
ALUM. TUBE STRUTS PASS ELASTIC THRO. AND KNOT ON TOP OF T.P.
TRUE LENGTH 2 1/2"
1/16" I.D. TUBE SOLD SOLDER TO TIN
TRUE LENGTH 4 3/8"
TRUE LENGTH 3 7/8"
FRONT U.C. LEGS SECURED WITH ELASTIC BANDS THRO. TUBE ACROSS FUSELAGE
FAIRING FOR BOTTOM OF STRUTS FROM BLOCK BALSA
1/8" DOWELS
1/4 RIBS
1/8" SHT. T.P. AND ELEVATOR
MAKE AIRSCREW FROM ALUM. SHT FILE TO SHAPE TWIST TO PITCH AS SIDE VIEW
MAKE COWLING RING REMOVABLE
OIL COOLER
1/8" TOP FORMER & BOTTOM FORMERS
1/8" SHT. RIBS CEMENT TO FUSELAGE SIDES
INTERPLANE STRUTS FROM ALUM. TUBE OR HOLLOW BALSA SECURE WITH ELASTIC
1 5/8" DIHEDRAL
HOLE IN COWL FOR CYLINDER HEAD
1/16 SHT
1/8" SHT.
1/8"
1/16"
1/16"
1/8"
5/8" DIHEDRAL
FLYING & LANDING WIRES FROM THIN ELASTIC. MAKE SMALL HOOKS AT EACH END
POSITION OF STRUT WIRE ALONG BOTTOM C.S.
COVER TOP & BOTTOM OF LOWER C.S. WITH 1/16" SHT.
BRASS TUBE
SPRUCE STRUTS FAIR AT FUSELAGE WITH PLASTIC WOOD
DETAIL OF ENGINE COWL
ENGINE MOUNT 1/8" PLY
BEND C.S. STRUTS THUS. FAIR WITH SHT. BALSA
SOLDER TO TIN & BOLT TO LOWER CENTRE SECTION
FAIREY SWORDFISH
MA 178 H G MOORE 5/-
SPAN 31" LENGTH 24 1/2"
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9 20 NOEL ST LONDON W1