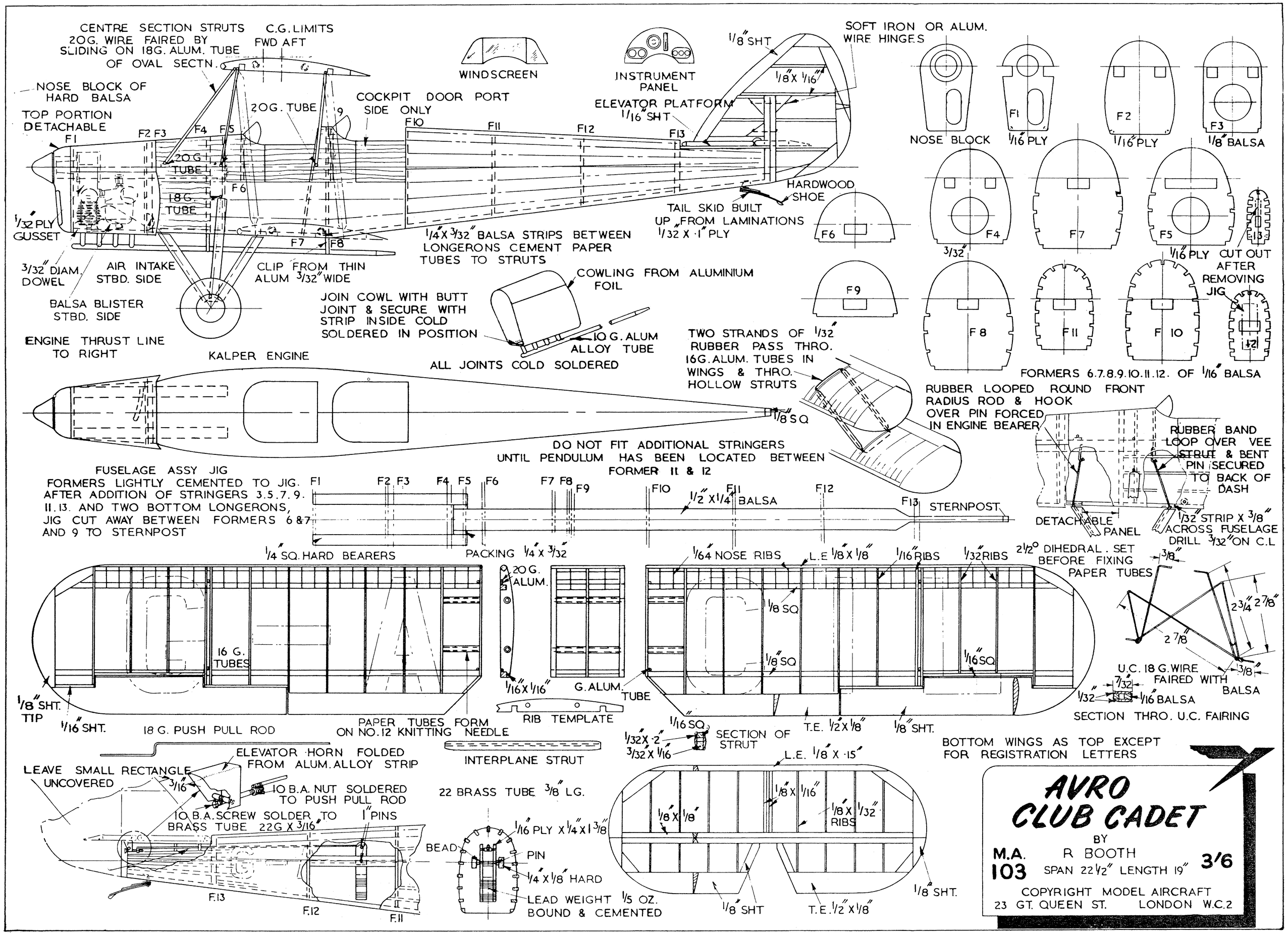
CENTRE SECTION STRUTS 20G. WIRE FAIRED BY SLIDING ON 18G. ALUM. TUBE OF OVAL SECTN.
C.G. LIMITS FWD AFT
NOSE BLOCK OF HARD BALSA
TOP PORTION DETACHABLE
F1
F2 F3
F4
F5
20G. TUBE
9
20G TUBE
18G. TUBE
F6
F7
F8
1/32" PLY GUSSET
3/32" DIAM. DOWEL
AIR INTAKE STBD. SIDE
BALSA BLISTER STBD. SIDE
CLIP FROM THIN ALUM 3/32" WIDE
ENGINE THRUST LINE TO RIGHT
KALPER ENGINE
WINDSCREEN
INSTRUMENT PANEL
COCKPIT DOOR PORT SIDE ONLY
F10
F11
F12
F13
1/8" SHT
1/8" X 1/16"
ELEVATOR PLATFORM 1/16" SHT
SOFT IRON OR ALUM. WIRE HINGES
HARDWOOD SHOE
TAIL SKID BUILT UP FROM LAMINATIONS 1/32 X 1" PLY
1/4" X 3/32" BALSA STRIPS BETWEEN LONGERONS CEMENT PAPER TUBES TO STRUTS
COWLING FROM ALUMINIUM FOIL
JOIN COWL WITH BUTT JOINT & SECURE WITH STRIP INSIDE COLD SOLDERED IN POSITION
10 G. ALUM ALLOY TUBE
ALL JOINTS COLD SOLDERED
NOSE BLOCK
1/16" PLY
1/16" PLY
1/8" BALSA
3/32"
1/16" PLY
CUT OUT AFTER REMOVING JIG
FORMERS 6.7.8.9.10.11.12. OF 1/16" BALSA
TWO STRANDS OF 1/32" RUBBER PASS THRO. 16G. ALUM. TUBES IN WINGS & THRO. HOLLOW STRUTS
1/8" SQ
RUBBER LOOPED ROUND FRONT RADIUS ROD & HOOK OVER PIN FORCED IN ENGINE BEARER
RUBBER BAND LOOP OVER VEE STRUT & BENT PIN SECURED TO BACK OF DASH
DETACHABLE PANEL
1/32" STRIP X 3/8" ACROSS FUSELAGE DRILL 3/32" ON C.L
DO NOT FIT ADDITIONAL STRINGERS UNTIL PENDULUM HAS BEEN LOCATED BETWEEN FORMER 11 & 12
FUSELAGE ASSY JIG
FORMERS LIGHTLY CEMENTED TO JIG. AFTER ADDITION OF STRINGERS 3.5.7.9. 11.13. AND TWO BOTTOM LONGERONS, JIG CUT AWAY BETWEEN FORMERS 6 & 7 AND 9 TO STERNPOST
F1
F2 F3
F4 F5
F6
F7 F8
F9
F10
F11
F12
F13
1/2" X 1/4" BALSA
STERNPOST
1/4" SQ. HARD BEARERS
PACKING 1/4" X 3/32"
1/64" NOSE RIBS
L.E. 1/8" X 1/8"
1/16" RIBS
1/32" RIBS
2 1/2° DIHEDRAL. SET BEFORE FIXING PAPER TUBES
3/8"
2 3/4"
2 7/8"
2 7/8"
3/8"
U.C. 18 G. WIRE FAIRED WITH BALSA
7/32"
1/32"
1/16" BALSA
SECTION THRO. U.C. FAIRING
16 G. TUBES
20 G. ALUM.
1/16" X 1/16"
G. ALUM. TUBE
1/8" SQ
1/8" SQ
1/16" SQ
1/8" SHT. TIP
1/16" SHT.
18 G. PUSH PULL ROD
PAPER TUBES FORM ON NO. 12 KNITTING NEEDLE
RIB TEMPLATE
1/16" SQ.
1/32" X 2"
3/32" X 1/16"
SECTION OF STRUT
T.E. 1/2" X 1/8"
1/8" SHT.
BOTTOM WINGS AS TOP EXCEPT FOR REGISTRATION LETTERS
INTERPLANE STRUT
ELEVATOR HORN FOLDED FROM ALUM. ALLOY STRIP
LEAVE SMALL RECTANGLE UNCOVERED
3/16"
10 B.A. NUT SOLDERED TO PUSH PULL ROD
10 B.A. SCREW SOLDER TO BRASS TUBE 22G X 3/16"
1" PINS
F.13
F.12
F.11
22 BRASS TUBE 3/8" LG.
1/16" PLY X 1/4" X 1 3/8"
BEAD
PIN
1/4" X 1/8" HARD
LEAD WEIGHT 1/5 OZ. BOUND & CEMENTED
L.E. 1/8" X .15"
1/8" X 1/16"
1/8" X 1/8"
1/8" X 1/32" RIBS
1/8" SHT
T.E. 1/2" X 1/8"
1/8" SHT.
AVRO CLUB CADET
BY
R BOOTH
M.A. 103
SPAN 22 1/2" LENGTH 19"
3/6
COPYRIGHT MODEL AIRCRAFT
23 GT. QUEEN ST. LONDON W.C.2