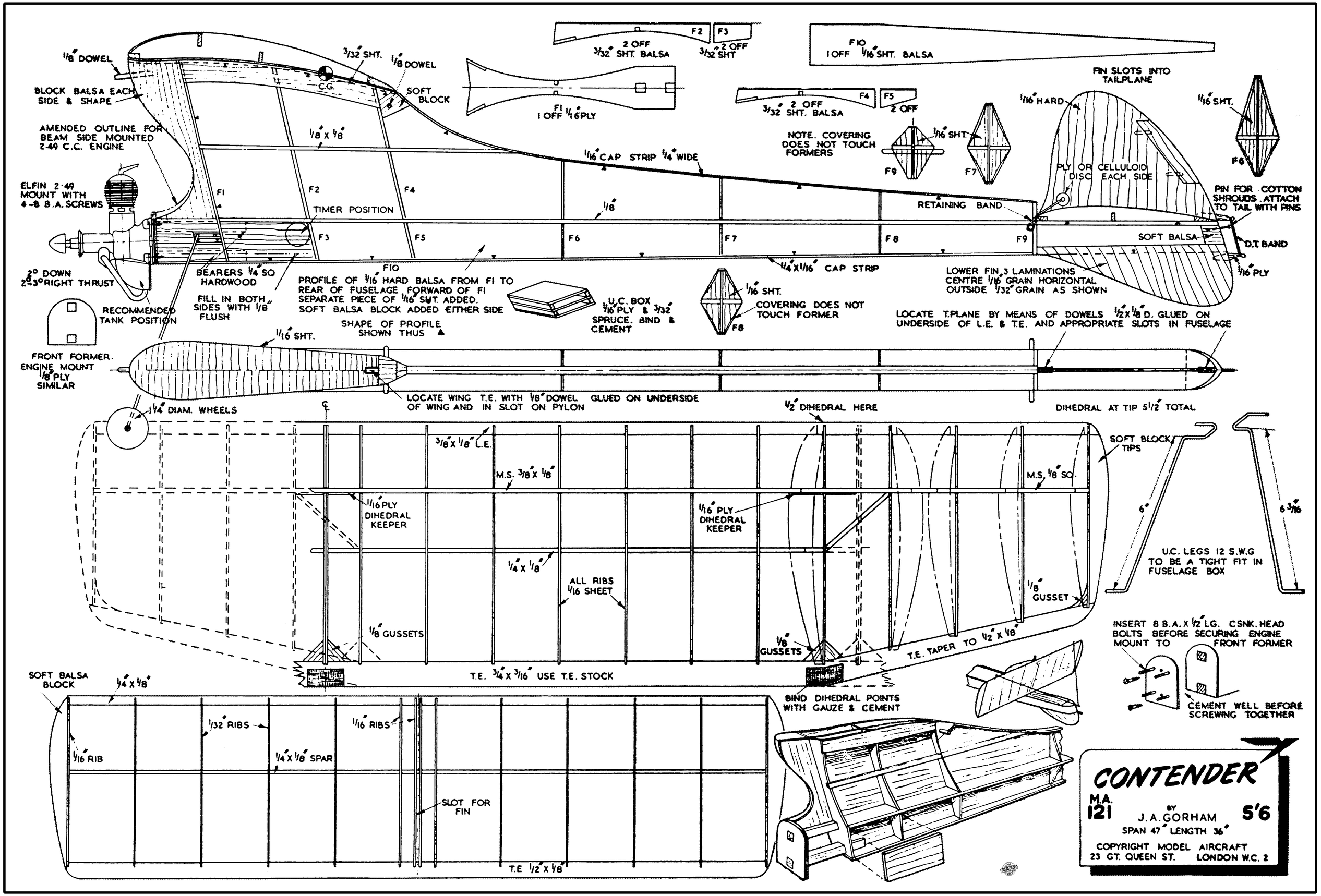
1/8" DOWEL
BLOCK BALSA EACH SIDE & SHAPE
3/32" SHT.
1/8" DOWEL
C.G.
SOFT BLOCK
AMENDED OUTLINE FOR BEAM SIDE MOUNTED 2.49 C.C. ENGINE
1/8" x 1/8"
1/16" CAP STRIP 1/4" WIDE
ELFIN 2.49 MOUNT WITH 4-8 B.A. SCREWS
F1
F2
F3
F4
F5
F6
F7
F8
F9
F10
TIMER POSITION
1/8"
2° DOWN
2-3° RIGHT THRUST
BEARERS 1/4" SQ HARDWOOD
FILL IN BOTH SIDES WITH 1/8" FLUSH
RECOMMENDED TANK POSITION
PROFILE OF 1/16" HARD BALSA FROM F1 TO REAR OF FUSELAGE FORWARD OF F1 SEPARATE PIECE OF 1/16" SHT. ADDED. SOFT BALSA BLOCK ADDED EITHER SIDE
SHAPE OF PROFILE SHOWN THUS ▲
U.C. BOX 1/16" PLY & 3/32" SPRUCE. BIND & CEMENT
1/4" x 1/16" CAP STRIP
1/16" SHT.
COVERING DOES NOT TOUCH FORMER
NOTE. COVERING DOES NOT TOUCH FORMERS
1/16" SHT.
RETAINING BAND
PLY OR CELLULOID DISC EACH SIDE
FIN SLOTS INTO TAILPLANE
1/16" HARD
1/16" SHT.
PIN FOR COTTON SHROUDS. ATTACH TO TAIL WITH PINS
SOFT BALSA
D.T. BAND
1/16" PLY
LOWER FIN, 3 LAMINATIONS CENTRE 1/16" GRAIN HORIZONTAL OUTSIDE 1/32" GRAIN AS SHOWN
LOCATE T.PLANE BY MEANS OF DOWELS 1/2" x 1/8" D. GLUED ON UNDERSIDE OF L.E. & T.E. AND APPROPRIATE SLOTS IN FUSELAGE
FRONT FORMER. ENGINE MOUNT 1/8" PLY SIMILAR
1/16" SHT.
LOCATE WING T.E. WITH 1/8" DOWEL GLUED ON UNDERSIDE OF WING AND IN SLOT ON PYLON
1/4" DIAM. WHEELS
1/2" DIHEDRAL HERE
DIHEDRAL AT TIP 5 1/2" TOTAL
3/8" x 1/8" L.E.
M.S. 3/8" x 1/8"
M.S. 1/8" SQ.
SOFT BLOCK TIPS
1/16" PLY DIHEDRAL KEEPER
1/16" PLY DIHEDRAL KEEPER
1/4" x 1/8"
ALL RIBS 1/16 SHEET
1/8" GUSSET
1/8" GUSSETS
1/8" GUSSETS
T.E. TAPER TO 1/2" x 1/8"
T.E. 3/4" x 3/16" USE T.E. STOCK
BIND DIHEDRAL POINTS WITH GAUZE & CEMENT
6"
6 3/16"
U.C. LEGS 12 S.W.G TO BE A TIGHT FIT IN FUSELAGE BOX
INSERT 8 B.A. x 1/2" LG. CSNK. HEAD BOLTS BEFORE SECURING ENGINE MOUNT TO FRONT FORMER
CEMENT WELL BEFORE SCREWING TOGETHER
SOFT BALSA BLOCK
1/4" x 1/8"
1/32" RIBS
1/16" RIBS
1/16" RIB
1/4" x 1/8" SPAR
SLOT FOR FIN
T.E 1/2" x 1/8"
CONTENDER
M.A. 121
BY J.A. GORHAM
5'6
SPAN 47" LENGTH 36"
COPYRIGHT MODEL AIRCRAFT
23 GT. QUEEN ST. LONDON W.C. 2