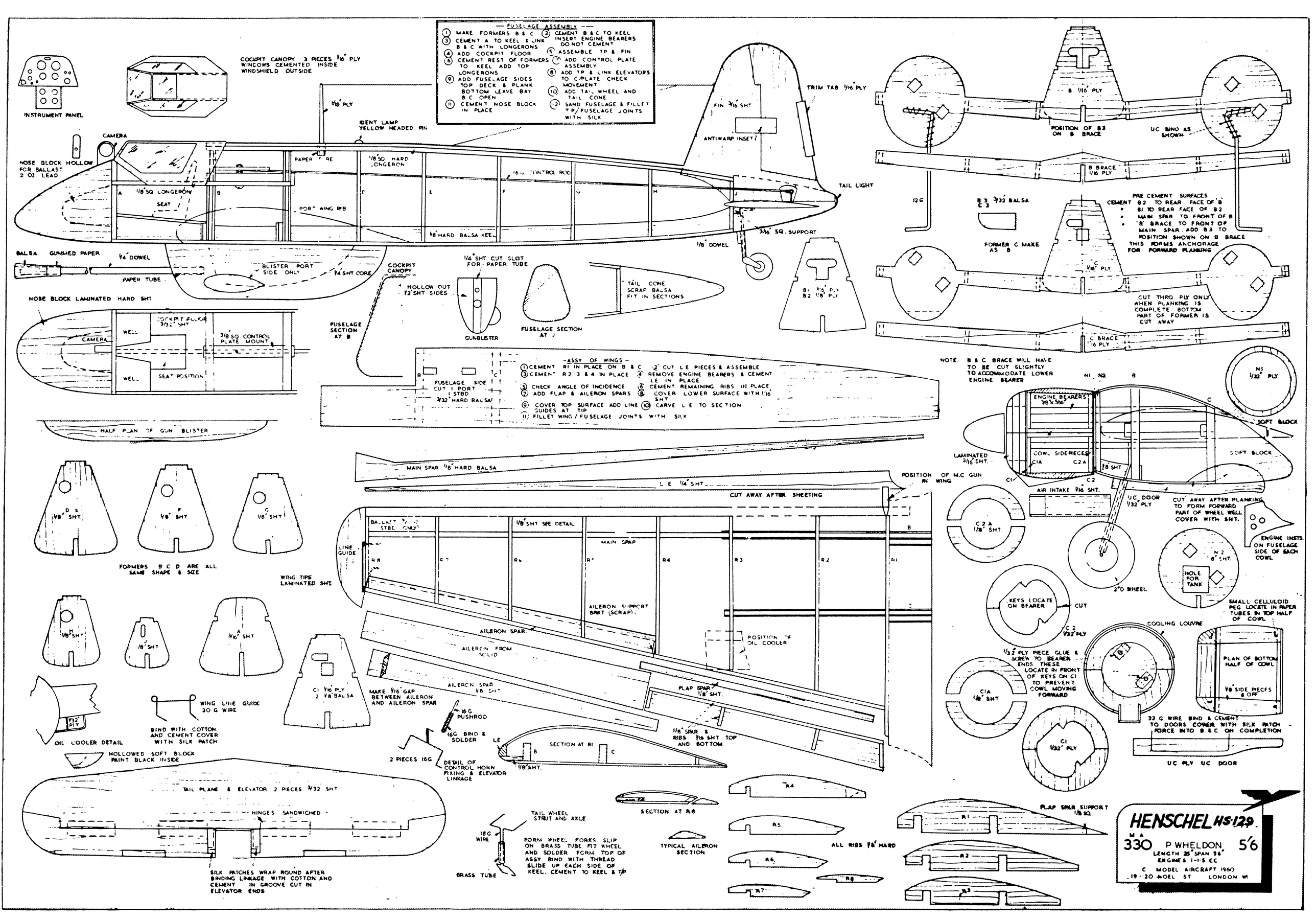
FUSELAGE ASSEMBLY
1 MAKE FORMERS B & C
2 CEMENT B & C TO KEEL INSERT ENGINE BEARERS DO NOT CEMENT
3 CEMENT A TO KEEL & LINK B & C WITH LONGERONS
4 ADD COCKPIT FLOOR
5 ASSEMBLE TP & FIN
6 CEMENT REST OF FORMERS TO KEEL ADD TOP LONGERONS
7 ADD CONTROL PLATE ASSEMBLY
8 ADD TP & LINK ELEVATORS TO C/PLATE CHECK MOVEMENT
9 ADD FUSELAGE SIDES TOP DECK & PLANK BOTTOM LEAVE BAY B C OPEN
10 ADD TAIL WHEEL AND TAIL CONE
11 CEMENT NOSE BLOCK IN PLACE
12 SAND FUSELAGE & FILLET TP/FUSELAGE JOINTS WITH SILK
INSTRUMENT PANEL
COCKPIT CANOPY 3 PIECES 1/16" PLY WINDOWS CEMENTED INSIDE WINDSHIELD OUTSIDE
1/16" PLY
IDENT LAMP YELLOW HEADED PIN
CAMERA
NOSE BLOCK HOLLOW FOR BALLAST 2 OZ LEAD
PAPER TUBE
1/8" SQ HARD LONGERON
16G CONTROL ROD
1/8" SQ LONGERON
SEAT
PORT WING RIB
1/8" HARD BALSA KEEL
FIN 3/16" SHT
ANTIWARP INSET
TRIM TAB 1/16" PLY
TAIL LIGHT
3/16" SQ. SUPPORT
1/8" DOWEL
BALSA
GUMMED PAPER
1/4" DOWEL
PAPER TUBE
BLISTER PORT SIDE ONLY
1/4" SHT CORE
NOSE BLOCK LAMINATED HARD SHT
COCKPIT FLOOR 3/32" SHT
WELL
CAMERA
3/8" SQ CONTROL PLATE MOUNT
SEAT POSITION
HALF PLAN OF GUN BLISTER
1/4" SHT CUT SLOT FOR PAPER TUBE
COCKPIT CANOPY
HOLLOW OUT 1/2" SHT SIDES
GUNBLISTER
FUSELAGE SECTION AT B
FUSELAGE SECTION AT J
TAIL CONE SCRAP BALSA FIT IN SECTIONS
B1 1/16" PLY
B2 1/8" PLY
B 1/16" PLY
POSITION OF B3 ON B BRACE
U.C. BIND AS SHOWN
B BRACE 1/16 PLY
12G
B3 3/32" BALSA
C3
FORMER C MAKE AS B
PRE CEMENT SURFACES
CEMENT B2 TO REAR FACE OF B
" B1 TO REAR FACE OF B2
" MAIN SPAR TO FRONT OF B
" 'B' BRACE TO FRONT OF MAIN SPAR. ADD B3 TO POSITION SHOWN ON B BRACE
THIS FORMS ANCHORAGE FOR FORWARD PLANKING
C 1/16" PLY
CUT THRO PLY ONLY WHEN PLANKING IS COMPLETE BOTTOM PART OF FORMER IS CUT AWAY
C BRACE 1/16 PLY
ASSY OF WINGS
1 CEMENT R1 IN PLACE ON B & C
2 CUT L E PIECES & ASSEMBLE
3 CEMENT R2 3 & 4 IN PLACE
4 REMOVE ENGINE BEARERS & CEMENT LE IN PLACE
5 CHECK ANGLE OF INCIDENCE
6 CEMENT REMAINING RIBS IN PLACE
7 ADD FLAP & AILERON SPARS
8 COVER LOWER SURFACE WITH 1/16" SHT
9 COVER TOP SURFACE ADD LINE GUIDES AT TIP
10 CARVE L E TO SECTION
11 FILLET WING / FUSELAGE JOINTS WITH SILK
FUSELAGE SIDE CUT 1 PORT 1 STBD 3/32" HARD BALSA
NOTE. B & C BRACE WILL HAVE TO BE CUT SLIGHTLY TO ACCOMMODATE LOWER ENGINE BEARER
N1 N2 B
N1 1/32" PLY
ENGINE BEARERS 3/8" x 3/16"
SOFT BLOCK
LAMINATED 3/16" SHT.
COWL SIDEPIECES C1A C2A
1/8" SHT
C1 C2
AIR INTAKE 1/16" SHT.
U.C. DOOR 1/32" PLY
CUT AWAY AFTER PLANKING TO FORM FORWARD PART OF WHEEL WELL COVER WITH SHT.
ENGINE INSTS ON FUSELAGE SIDE OF EACH COWL
MAIN SPAR 1/8" HARD BALSA
L E 1/4" SHT
CUT AWAY AFTER SHEETING
POSITION OF M.C GUN IN WING
D 1/8" SHT
E 1/8" SHT
C 1/8" SHT
FORMERS B C D ARE ALL SAME SHAPE & SIZE
WING TIPS LAMINATED SHT
BALLAST 1/2 STBD ONLY
1/8" SHT SEE DETAIL
MAIN SPAR
LINE GUIDE
R8 R7 R6 R5 R4 R3 R2 R1
AILERON SUPPORT BRKT (SCRAP).
AILERON SPAR
AILERON FROM SOLID
POSITION OF OIL COOLER
AILERON SPAR 1/8" SHT
FLAP SPAR 1/8" SHT.
1/8" SPAR & RIBS 1/16" SHT TOP AND BOTTOM
H 1/8" SHT
J 1/8" SHT
A 3/16" SHT
C1 1/16" PLY 2 1/8" BALSA
MAKE 1/16" GAP BETWEEN AILERON AND AILERON SPAR
16G PUSHROD
16G BIND & SOLDER
LE
SECTION AT R1
B
C
1/8" SHT.
2 PIECES 16G
DETAIL OF CONTROL HORN FIXING & ELEVATOR LINKAGE
1/32" PLY
OIL COOLER DETAIL
WING LINE GUIDE 20 G WIRE
BIND WITH COTTON AND CEMENT COVER WITH SILK PATCH
HOLLOWED SOFT BLOCK PAINT BLACK INSIDE
TAIL PLANE & ELEVATOR 2 PIECES 3/32" SHT
HINGES SANDWICHED
SILK PATCHES WRAP ROUND AFTER BINDING LINKAGE WITH COTTON AND CEMENT IN GROOVE CUT IN ELEVATOR ENDS
TAIL WHEEL STRUT AND AXLE
18G WIRE
BRASS TUBE
FORM WHEEL FORKS SLIP ON BRASS TUBE FIT WHEEL AND SOLDER FORM TOP OF ASSY BIND WITH THREAD SLIDE UP EACH SIDE OF KEEL, CEMENT TO KEEL & TP
SECTION AT R8
TYPICAL AILERON SECTION
R4
R5
R6
R8
R7
R3
ALL RIBS 1/8" HARD
C2A 1/8" SHT
KEYS LOCATE ON BEARER
CUT
C2 1/32" PLY
1/32" PLY PIECE GLUE & SCREW TO BEARER ENDS THESE LOCATE IN FRONT OF KEYS ON C1 TO PREVENT COWL MOVING FORWARD
C1A 1/8" SHT
C1 1/32" PLY
2"D WHEEL
N2 1/8" SHT.
HOLE FOR TANK
SMALL CELLULOID PEG LOCATE IN PAPER TUBES IN TOP HALF OF COWL
COOLING LOUVRE
PLAN OF BOTTOM HALF OF COWL
1/8" SIDE PIECES 8 OFF
22 G WIRE BIND & CEMENT TO DOORS CORNER WITH SILK PATCH FORCE INTO B & C ON COMPLETION
U.C. PLY U.C. DOOR
FLAP SPAR SUPPORT 1/8 SQ.
R1
R2
R3
HENSCHEL HS-129
M A 330 P WHELDON 5/6
LENGTH 25" SPAN 36"
ENGINES 1-1.5 CC
C MODEL AIRCRAFT 1960
19-20 MOEL ST LONDON W1