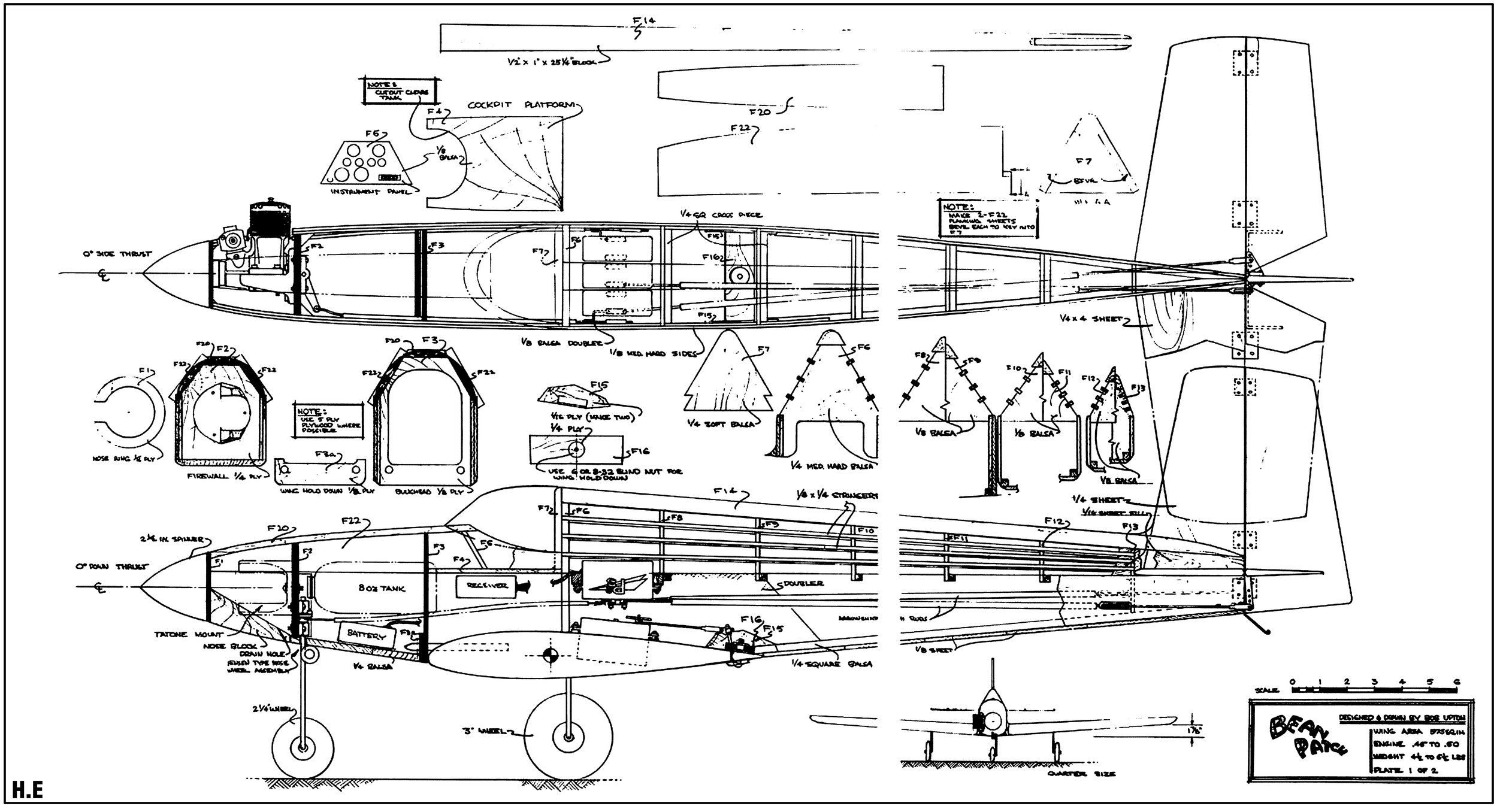
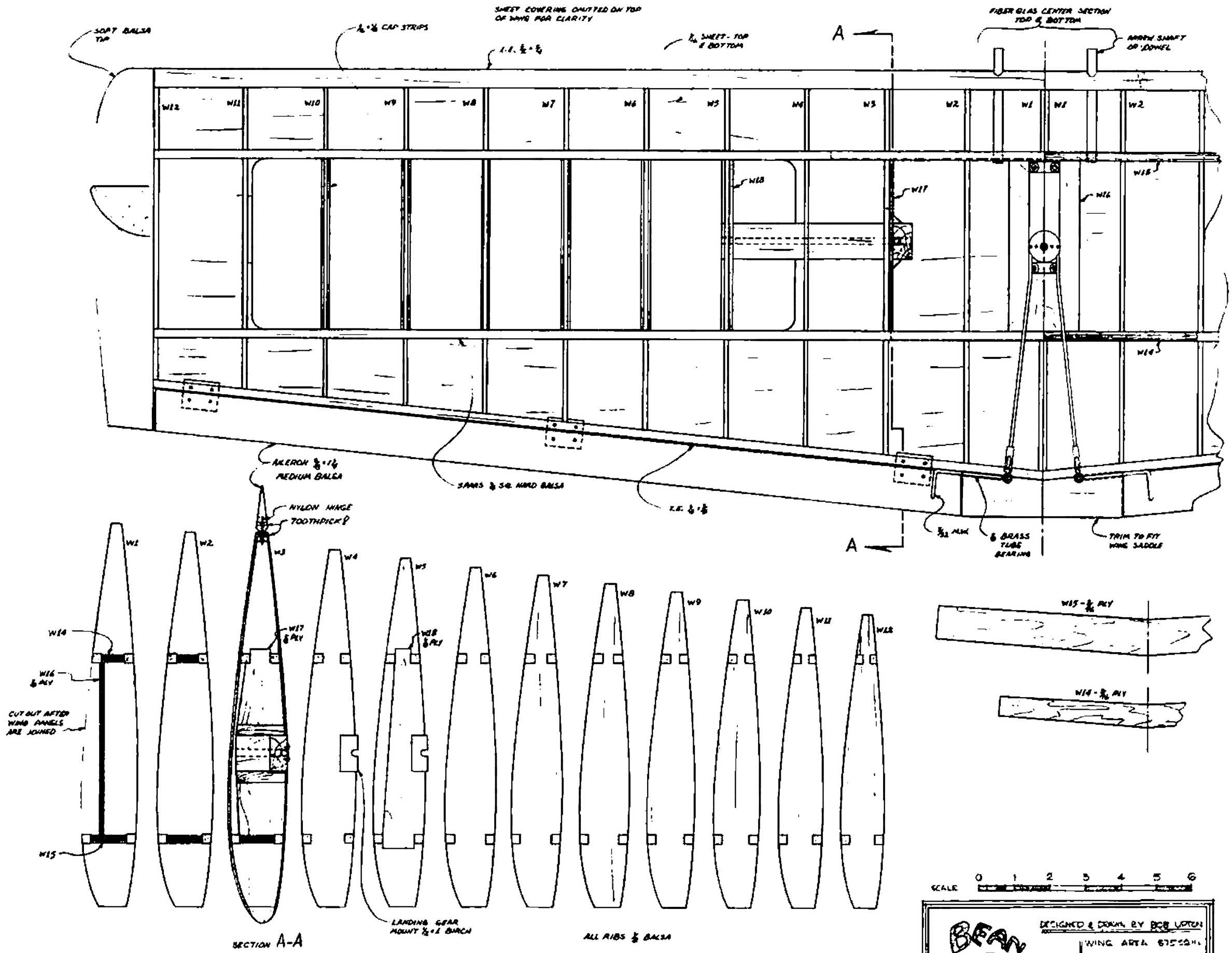

F14
1/2" x 1" x 25 1/4" BLOCK
NOTE: CUTOUT CLEARS TANK
COCKPIT PLATFORM
F4
F5
1/8 BALSA
INSTRUMENT PANEL
F20
F22
F7
BEVEL
1/4 GR CROSS PIECE
0° SIDE THRUST
F2
F3
F6
F16
F15
1/8 BALSA DOUBLER
1/8 MED HARD SIDES
NOTE: MAKE 2-F22 PLANKING SHEETS BEVEL EACH TO KEY INTO F7
1/4 x 4 SHEET
F1
NOSE RING 1/8 PLY
FIREWALL 1/4 PLY
NOTE: USE 5 PLY PLYWOOD WHERE POSSIBLE
F3a
WING HOLD DOWN 1/8 PLY
BULKHEAD 1/8 PLY
1/16 PLY (MAKE TWO)
1/4 PLY
USE 6 OR 8-32 BLIND NUT FOR WING HOLD DOWN
1/4 SOFT BALSA
1/4 MED HARD BALSA
F8
F9
F10
F11
F12
F13
1/8 BALSA
1/8 BALSA
1/8 BALSA
1/8 x 1/4 STRINGERS
1/4 SHEET
1/16 SHEET FILL
2 1/2 IN SPINNER
0° DOWN THRUST
80% TANK
RECEIVER
DOUBLER
TATONE MOUNT
NOSE BLOCK
DRAIN HOLE
SEMI TYPE NOSE WHEEL ASSEMBLY
BATTERY
1/4 BALSA
1/4 SQUARE BALSA
1/8 SHEET
2 1/4" WHEEL
3" WHEEL
QUARTER SIZE
SCALE 0 1 2 3 4 5 6
BEAN PATCH
DESIGNED & DRAWN BY BOB UPTON
WING AREA 875 SQ.IN
ENGINE .45 TO .60
WEIGHT 4 1/2 TO 6 1/2 LBS
PLATE 1 OF 2

H.E


SOFT BALSA TOP
CAP STRIPS
SHEET COVERING OMITTED ON TOP OF WING FOR CLARITY
SHEET - TOP & BOTTOM
A
FIBER GLAS CENTER SECTION TOP & BOTTOM
ARROW SHAFT OR DOWEL
W12
W11
W10
W9
W8
W7
W6
W5
W4
W3
W2
W1
W1
W2
W18
W17
W16
W16
W14
AILERON
MEDIUM BALSA
SPARS HARD BALSA
NYLON HINGE
TOOTHPICK
A
BRASS TUBE BEARING
TRIM TO FIT WING SADDLE
W1
W2
W3
W4
W5
W6
W7
W8
W9
W10
W11
W12
W14
W16 PLY
CUT OUT AFTER WING PANELS ARE JOINED
W15
W17 PLY
W18 PLY
LANDING GEAR MOUNT BIRCH
SECTION A-A
ALL RIBS BALSA
W15 - PLY
W14 - PLY
SCALE
0 1 2 3 4 5 6
BEAN PATCH
DESIGNED & DRAWN BY BOB UPTON
WING AREA
ENGINE
PLATE 1 OF 2