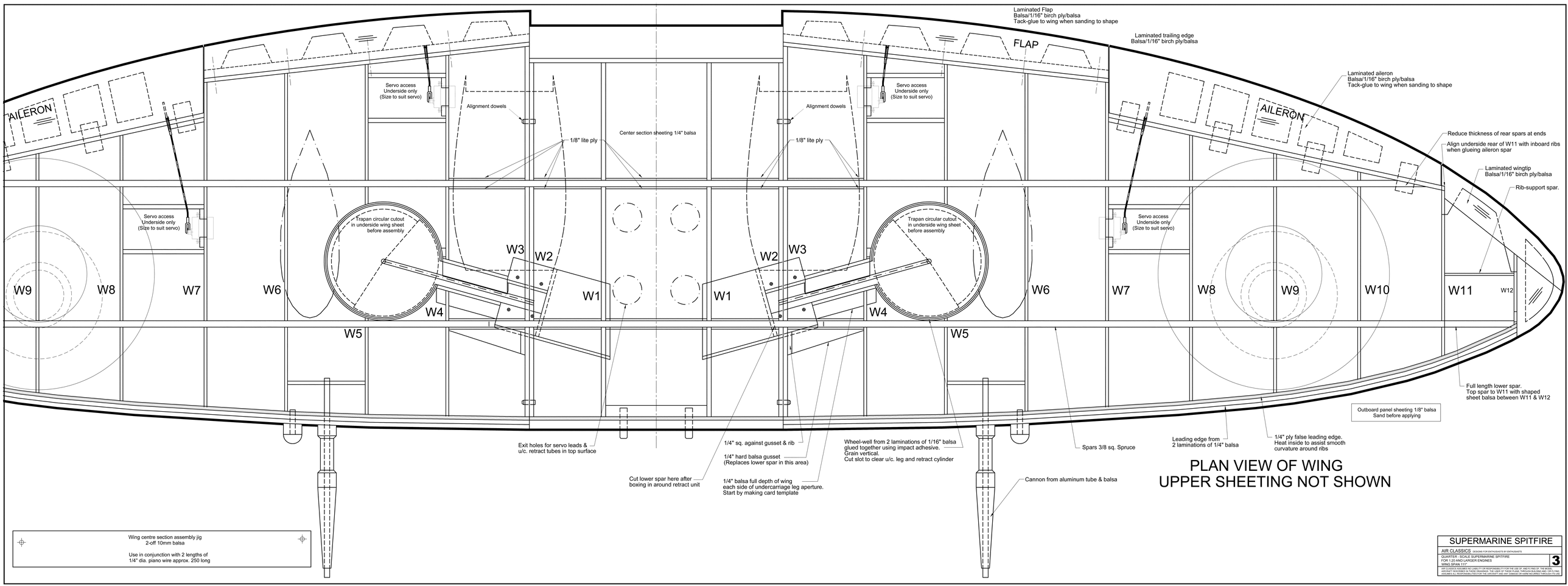
Laminated Flap
Balsa/1/16" birch ply/balsa
Tack-glue to wing when sanding to shape
Laminated trailing edge
Balsa/1/16" birch ply/balsa
FLAP
AILERON
Laminated aileron
Balsa/1/16" birch ply/balsa
Tack-glue to wing when sanding to shape
Servo access
Underside only
(Size to suit servo)
Alignment dowels
1/8" lite ply
Center section sheeting 1/4" balsa
Reduce thickness of rear spars at ends
Align underside rear of W11 with inboard ribs when glueing aileron spar
Laminated wingtip
Balsa/1/16" birch ply/balsa
Rib-support spar.
Trapan circular cutout
in underside wing sheet
before assembly
W1
W2
W3
W4
W5
W6
W7
W8
W9
W10
W11
W12
Full length lower spar.
Top spar to W11 with shaped
sheet balsa between W11 & W12
Outboard panel sheeting 1/8" balsa
Sand before applying
Exit holes for servo leads &
u/c. retract tubes in top surface
1/4" sq. against gusset & rib
1/4" hard balsa gusset
(Replaces lower spar in this area)
Wheel-well from 2 laminations of 1/16" balsa
glued together using impact adhesive.
Grain vertical.
Cut slot to clear u/c. leg and retract cylinder
Spars 3/8 sq. Spruce
Leading edge from
2 laminations of 1/4" balsa
1/4" ply false leading edge.
Heat inside to assist smooth
curvature around ribs
Cut lower spar here after
boxing in around retract unit
1/4" balsa full depth of wing
each side of undercarriage leg aperture.
Start by making card template
Cannon from aluminum tube & balsa
PLAN VIEW OF WING
UPPER SHEETING NOT SHOWN
Wing centre section assembly jig
2-off 10mm balsa
Use in conjunction with 2 lengths of
1/4" dia. piano wire approx. 250 long
SUPERMARINE SPITFIRE
AIR CLASSICS DESIGNS FOR ENTHUSIASTS BY ENTHUSIASTS
QUARTER - SCALE SUPERMARINE SPITFIRE
FOR 1.20 AND LARGER ENGINES
WING SPAN 111"
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