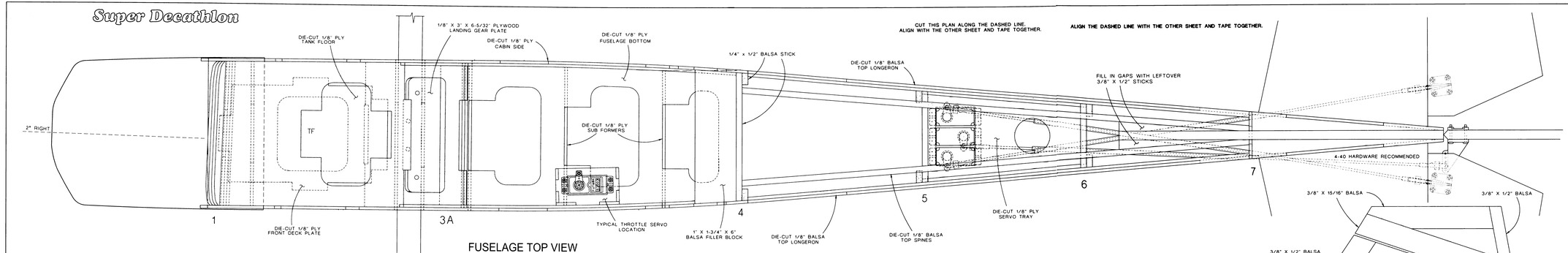
Super Decathlon

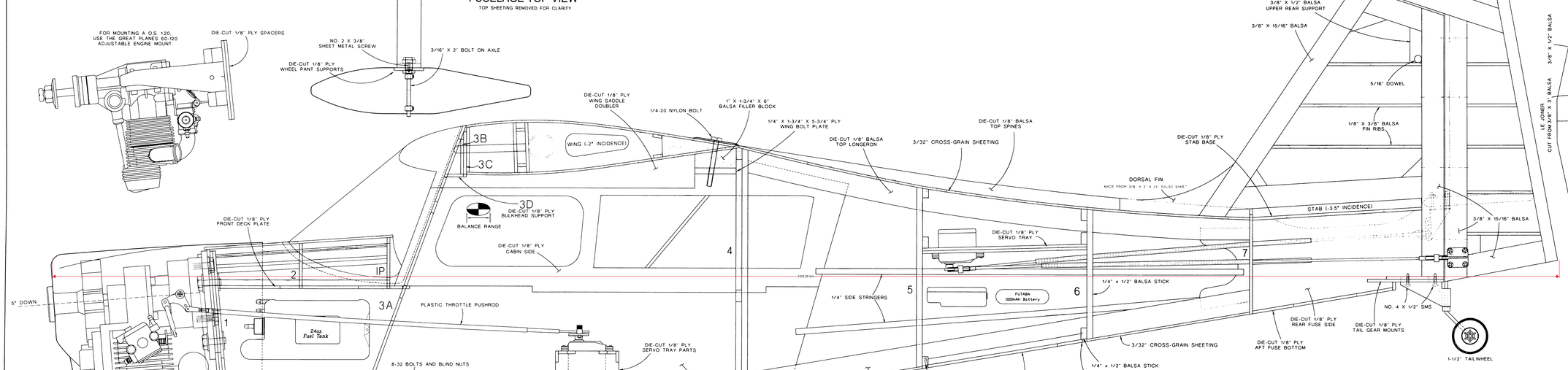
CUT THIS PLAN ALONG THE DASHED LINE.
ALIGN WITH THE OTHER SHEET AND TAPE TOGETHER.

ALIGN THE DASHED LINE WITH THE OTHER SHEET AND TAPE TOGETHER.



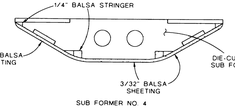
FUSELAGE TOP VIEW

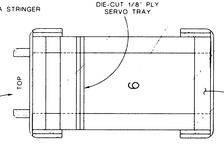
TOP SHEETING REMOVED FOR CLARITY

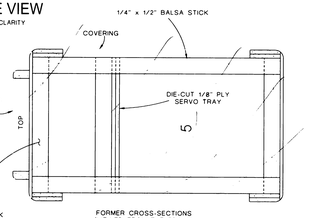


FUSELAGE SIDE VIEW

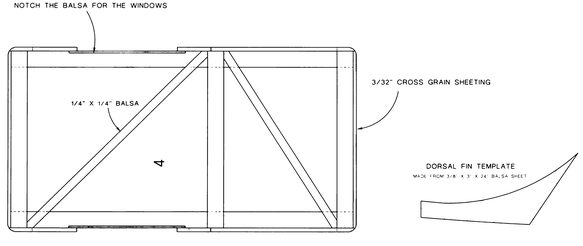
LEFT SIDE REMOVED FOR CLARITY

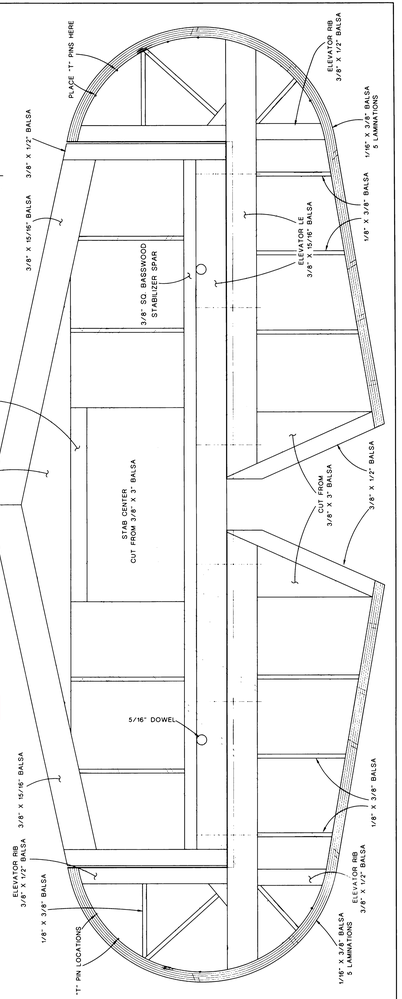






FORMER CROSS-SECTIONS (VIEWED FROM THE FRONT)





PLAN NO. DECGP01: FUSELAGE PLAN SHEET "A"
(1 of 3)

PLAN NO. DECGP02: FUSELAGE PLAN SHEET "B"
(2 of 3)

QUESTIONS??
e-mail us at
productsupport@dynaflite.com
or call (217)398-8970
Visit our Web Site at
www.dynaflite.com

Dynaflite
Super Decathlon

DESIGNED BY: Greg Dultsman

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PO BOX 788 URBANA, IL 61801

SPAN: 80 in.
AREA: 1037 sq. in.
LENGTH: 69 in.

POWER: 120 to 180, 4 Stroke
.25cu. to 30cu. Gas
1.08 to 1.8 2-Stroke

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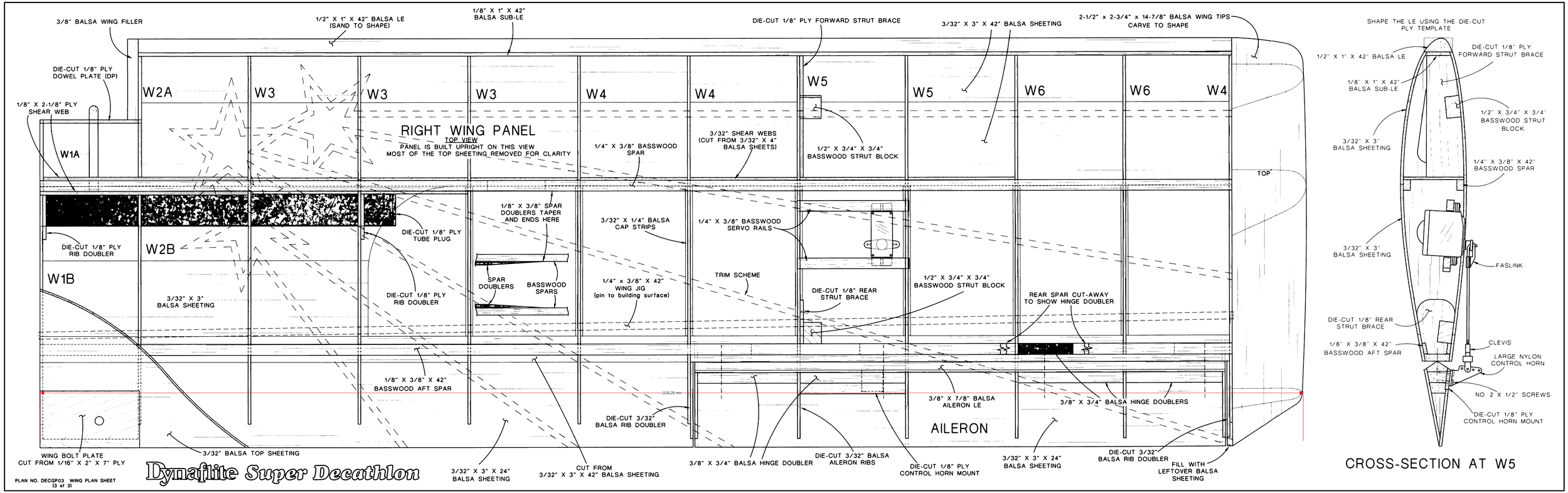
3/8" BALSA WING FILLER
1/2" X 1" X 42" BALSA LE (SAND TO SHAPE)
1/8" X 1" X 42" BALSA SUB-LE
DIE-CUT 1/8" PLY FORWARD STRUT BRACE
3/32" X 3" X 42" BALSA SHEETING
2-1/2" x 2-3/4" x 14-7/8" BALSA WING TIPS CARVE TO SHAPE
DIE-CUT 1/8" PLY DOWEL PLATE (DP)
1/8" X 2-1/8" PLY SHEAR WEB
W2A
W3
W3
W3
W4
W4
W5
W5
W6
W6
W4
W1A
RIGHT WING PANEL
TOP VIEW
PANEL IS BUILT UPRIGHT ON THIS VIEW
MOST OF THE TOP SHEETING REMOVED FOR CLARITY
1/4" X 3/8" BASSWOOD SPAR
3/32" SHEAR WEBS (CUT FROM 3/32" X 4" BALSA SHEETS)
1/2" X 3/4" X 3/4" BASSWOOD STRUT BLOCK
TOP
1/8" X 3/8" SPAR DOUBLERS TAPER AND ENDS HERE
DIE-CUT 1/8" PLY TUBE PLUG
3/32" X 1/4" BALSA CAP STRIPS
1/4" X 3/8" BASSWOOD SERVO RAILS
DIE-CUT 1/8" PLY RIB DOUBLER
W2B
W1B
SPAR DOUBLERS
BASSWOOD SPARS
1/4" x 3/8" X 42" WING JIG (pin to building surface)
TRIM SCHEME
1/2" X 3/4" X 3/4" BASSWOOD STRUT BLOCK
3/32" X 3" BALSA SHEETING
DIE-CUT 1/8" PLY RIB DOUBLER
DIE-CUT 1/8" REAR STRUT BRACE
REAR SPAR CUT-AWAY TO SHOW HINGE DOUBLER
1/8" X 3/8" X 42" BASSWOOD AFT SPAR
1131.25 mm
3/8" X 7/8" BALSA AILERON LE
3/8" X 3/4" BALSA HINGE DOUBLERS
DIE-CUT 3/32" BALSA RIB DOUBLER
AILERON
WING BOLT PLATE CUT FROM 1/16" X 2" X 7" PLY
3/32" BALSA TOP SHEETING
3/32" X 3" X 24" BALSA SHEETING
CUT FROM 3/32" X 3" X 42" BALSA SHEETING
3/8" X 3/4" BALSA HINGE DOUBLER
DIE-CUT 3/32" BALSA AILERON RIBS
DIE-CUT 1/8" PLY CONTROL HORN MOUNT
3/32" X 3" X 24" BALSA SHEETING
DIE-CUT 3/32" BALSA RIB DOUBLER
FILL WITH LEFTOVER BALSA SHEETING
Dynaflite Super Decathlon
PLAN NO. DECGP03 WING PLAN SHEET (3 of 3)
SHAPE THE LE USING THE DIE-CUT PLY TEMPLATE
1/2" X 1" X 42" BALSA LE
DIE-CUT 1/8" PLY FORWARD STRUT BRACE
1/8" X 1" X 42" BALSA SUB-LE
1/2" X 3/4" X 3/4" BASSWOOD STRUT BLOCK
3/32" X 3" BALSA SHEETING
1/4" X 3/8" X 42" BASSWOOD SPAR
3/32" X 3" BALSA SHEETING
FASLINK
DIE-CUT 1/8" REAR STRUT BRACE
1/8" X 3/8" X 42" BASSWOOD AFT SPAR
CLEVIS
LARGE NYLON CONTROL HORN
NO. 2 X 1/2" SCREWS
DIE-CUT 1/8" PLY CONTROL HORN MOUNT
CROSS-SECTION AT W5