A 61 1/2" span, single channel radio controlled thermal or slope soaring glider

JAGUAR

designed by

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50p

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The Aeromodeller Plans Service
13-35 Bridge Street Hemel Hempstead, Herts

ALL WOODS BALSA UNLESS OTHERWISE STATED

MATERIAL LIST

BALSA				HARDWOOD/WIRE			
1 sheet	1/32" x	2"	x 36"	med hard	1 sheet	3/8" x 3"	x 12" obechi
4	1/16" x	4"	x 36"		4 strips	1/8" x 1/8" x 36"	spruce
3	3/32" x	4"	x 36"		1	1/8" x 1/4" x 36"	
1	1/8" x	3"	x 36"		1	1/8" diam x 6"	dowel
1	3/16" x	2"	x 18"		1	3/16" x 6"	
1	1/4" x	2"	x 36"		1 piece	1/32" x 3" x 12"	plywood
3 strips	1/16" x	1/16"	x 36"		1	1/16" x 6" x 12"	
4	3/32" x	1/4"	x 36"		1	1/8" x 4" x 12"	
7	1/8" x	1/8"	x 36" *		1	1/4" x 2" x 2"	
2	3/16" x	3/4"	x 36" TE stock		1	16 swg x 36"	piano wire
1 block	3/4" x	3"	x 12" med soft		1	14 swg x 36"	

* NOTE – If model built as slope soarer, change balsa spars to spruce or obechi, for extra wing strength

W1 2 off 1/16" ply

W2 (To dotted lines) 6 off 1/16" med qtr grain balsa

W3 (To full lines) 2 off 1/16" med qtr grain balsa

W4 2 off 1/16" med qtr grain balsa

W5 30 off 1/16" med soft qtr grain balsa

Typical wing section

3/16" washout

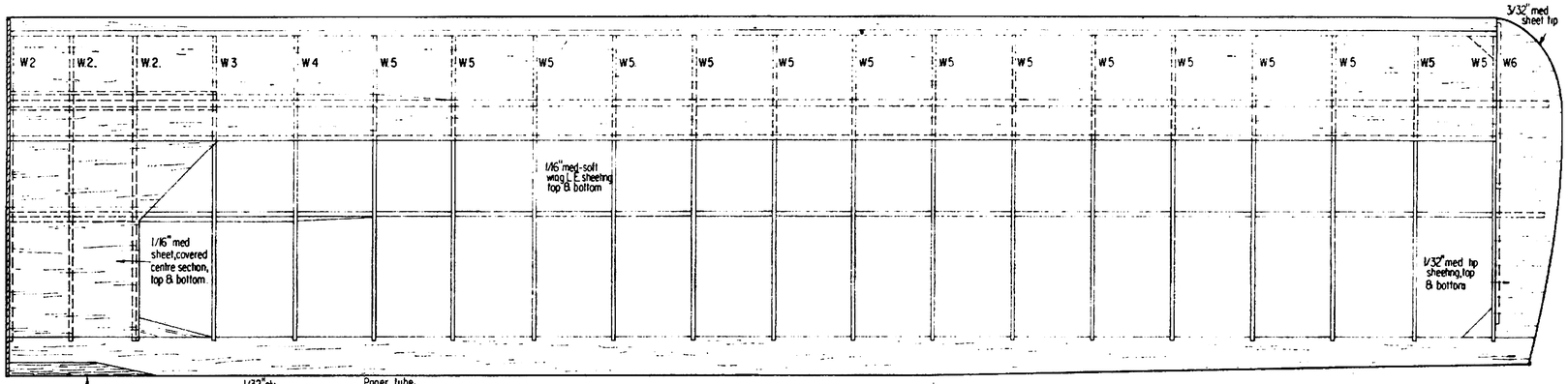
NOTE washout (built in) from point X to tip

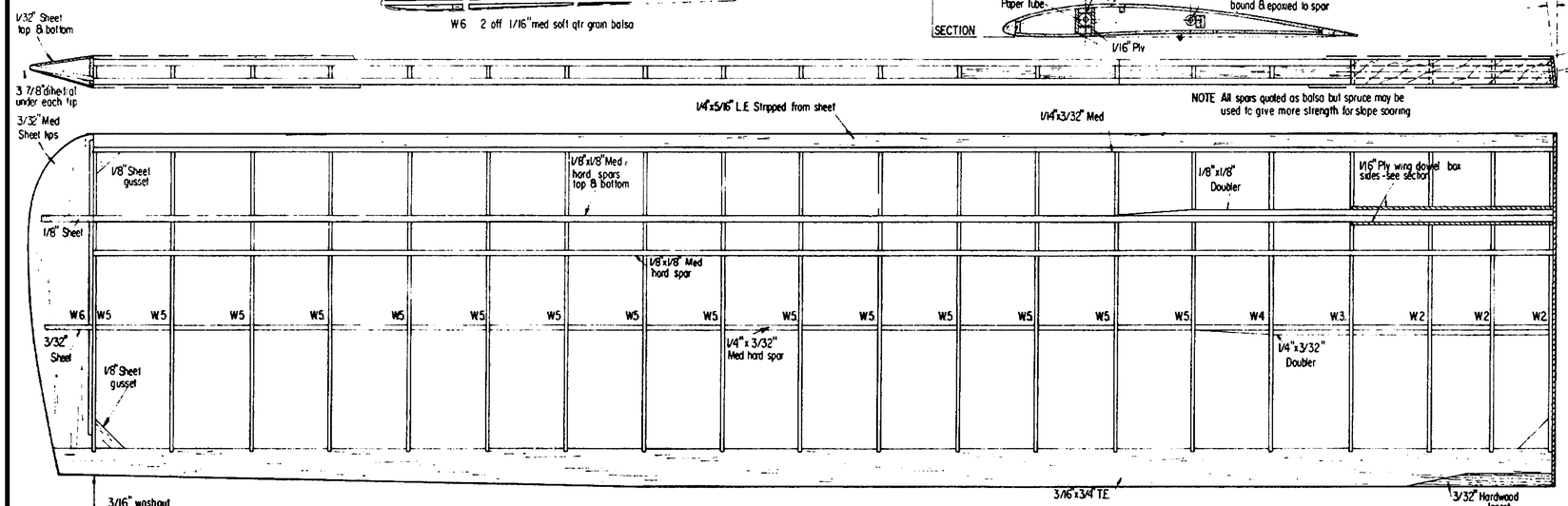
W6 2 off 1/16" med soft qtr grain balsa

SEE PORT WING PANEL FOR WOOD SIZES

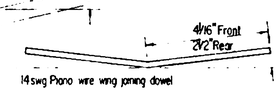
Wing dowel centre lines.

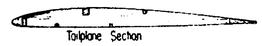
NOTE – Make wing tubes from paper, rolled round 14swg wire. Cement well. Front tube 1/4" OD. Rear tube 3/16" O D

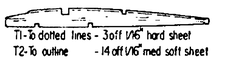


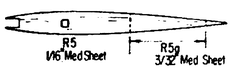


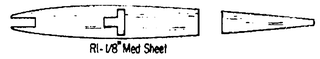
NOTE All spars quoted as balsa but spruce may be used to give more strength for slope soaring

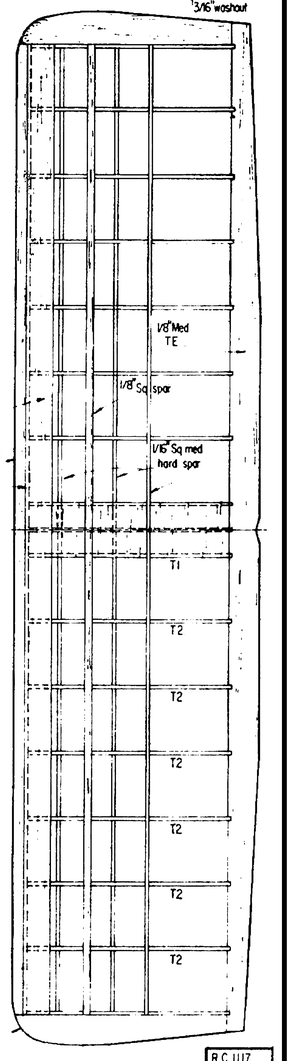


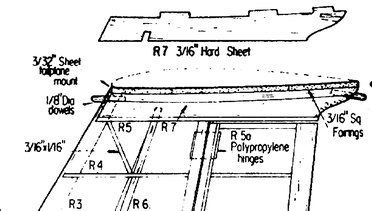


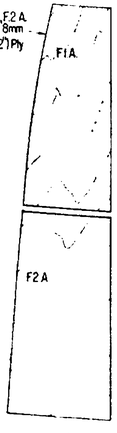


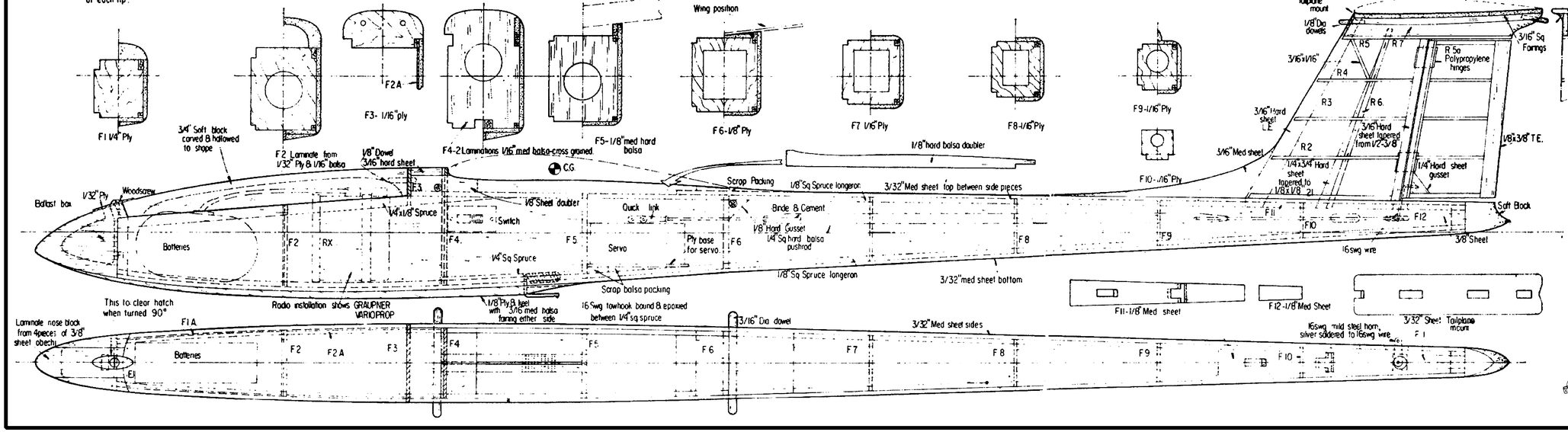












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