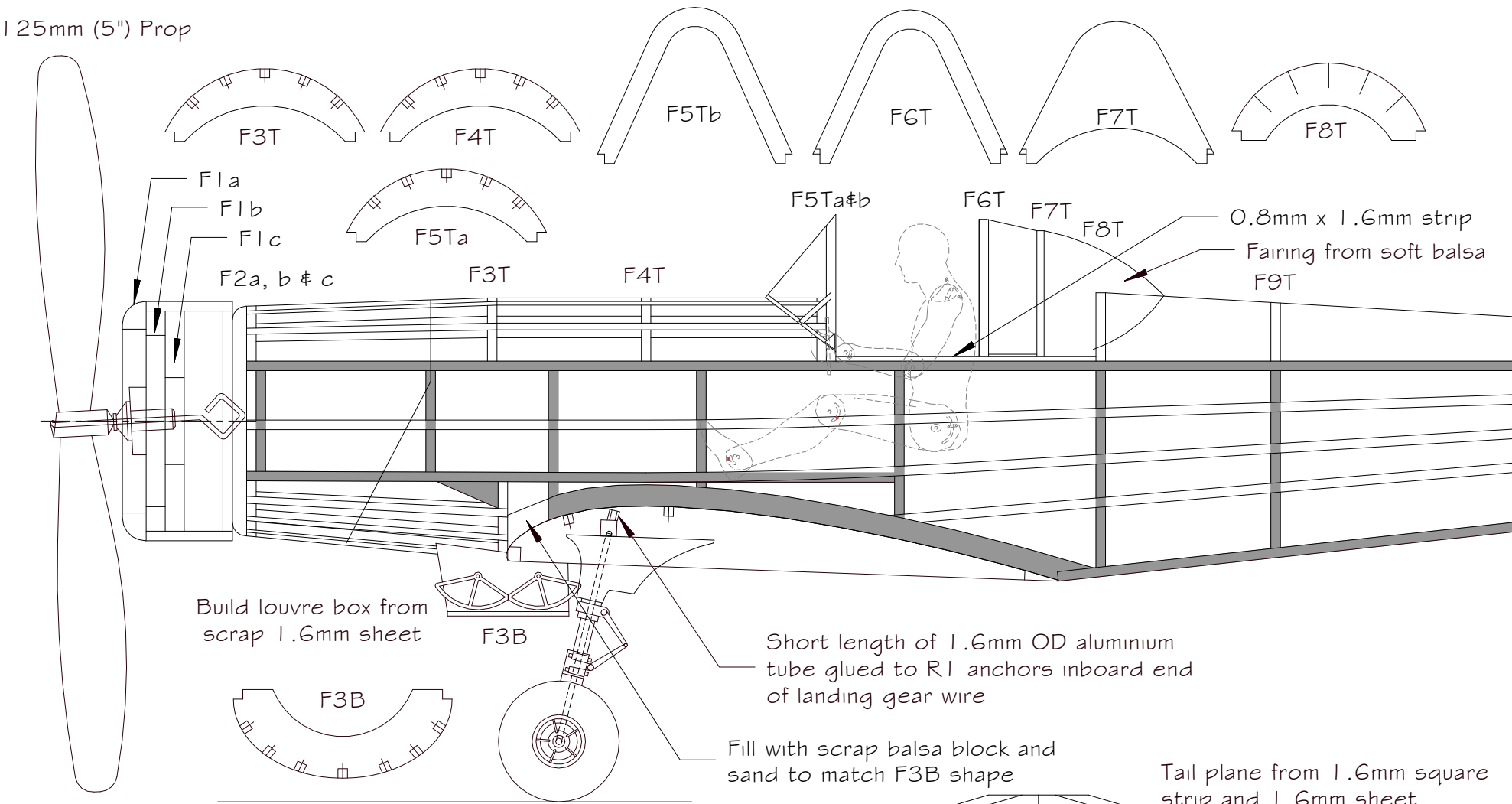


125mm (5") Prop

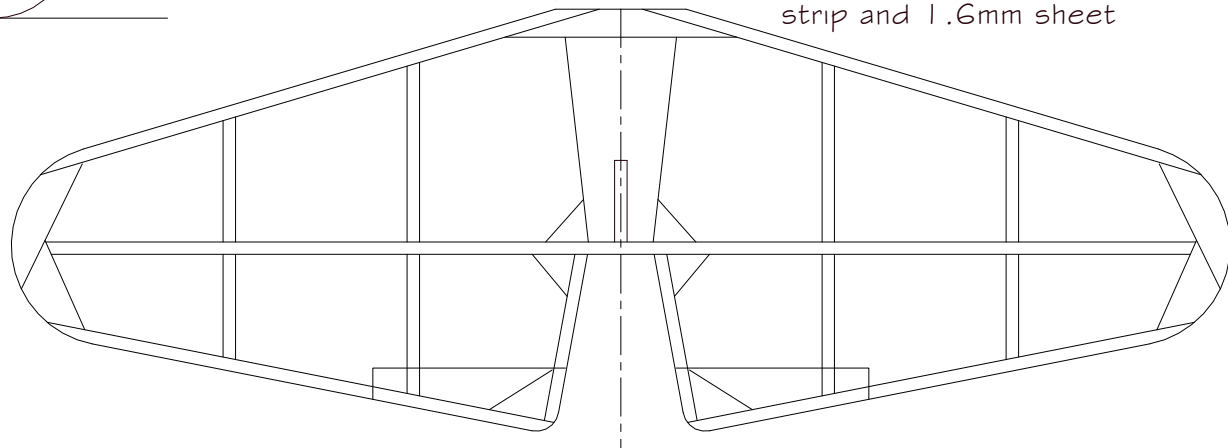
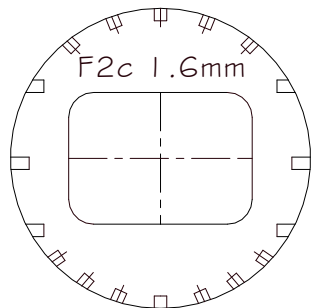
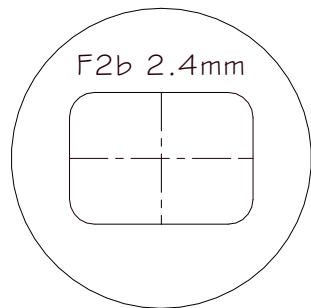


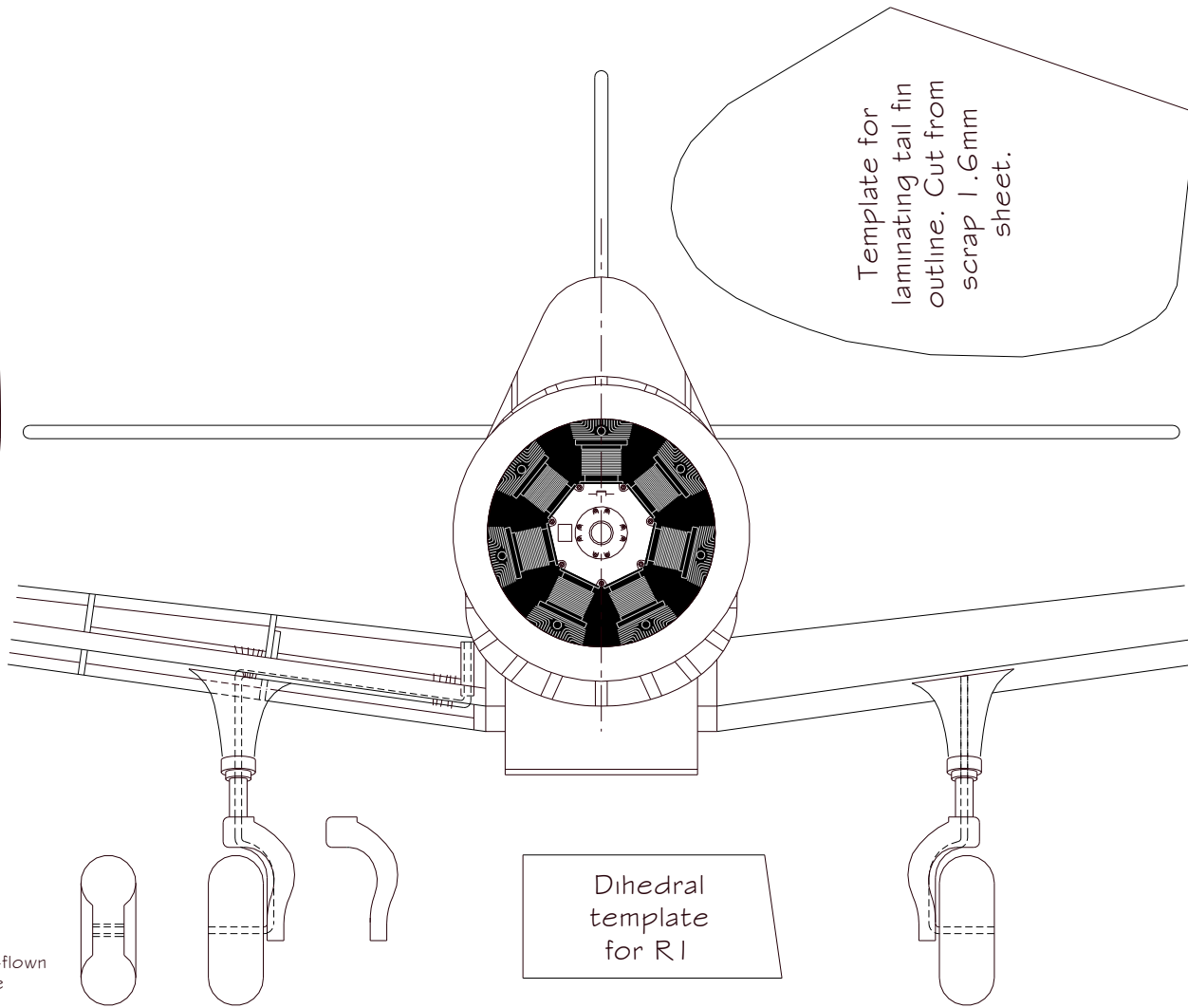
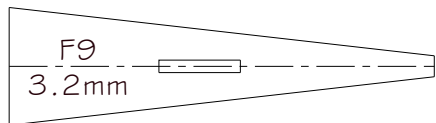
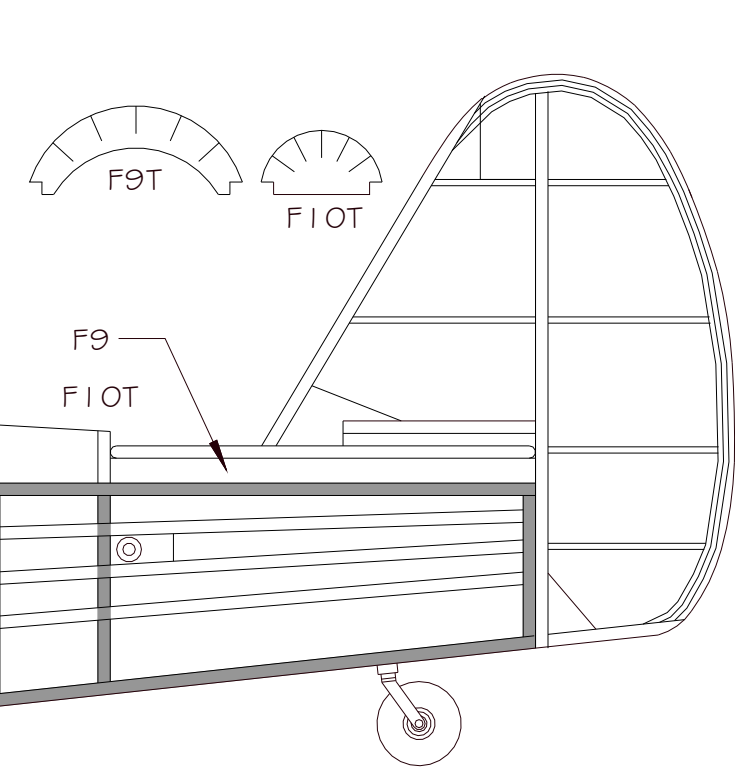
Build louvre box from scrap 1.6mm sheet

Short length of 1.6mm OD aluminium tube glued to RI anchors inboard end of landing gear wire

Fill with scrap balsa block and sand to match F3B shape

Tail plane from 1.6mm square strip and 1.6mm sheet





Bend undercarriage from 0.8mm (0.032") piano wire. Bend 2 the same.

Note: This plan has **not** been test-flown yet, but is released free of charge for personal use.

Metric conversions:

- 0.8mm 1/32"
- 1.6mm 1/16"
- 2.4mm 3/32"
- 3.2mm 1/8"
- 4.8mm 3/16"
- 6.4mm 1/4"

**Kingsford Smith Aviation Services KS-3**

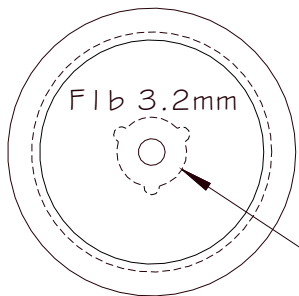
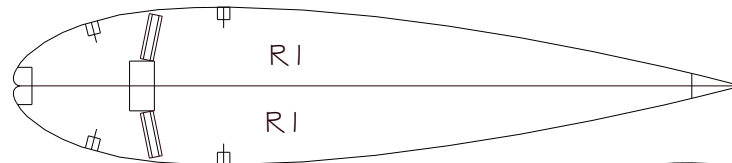
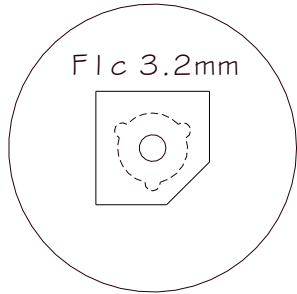
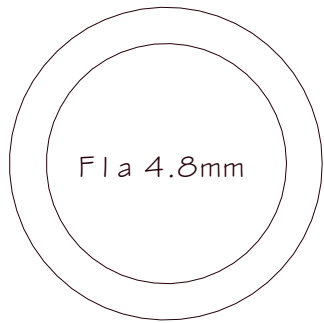
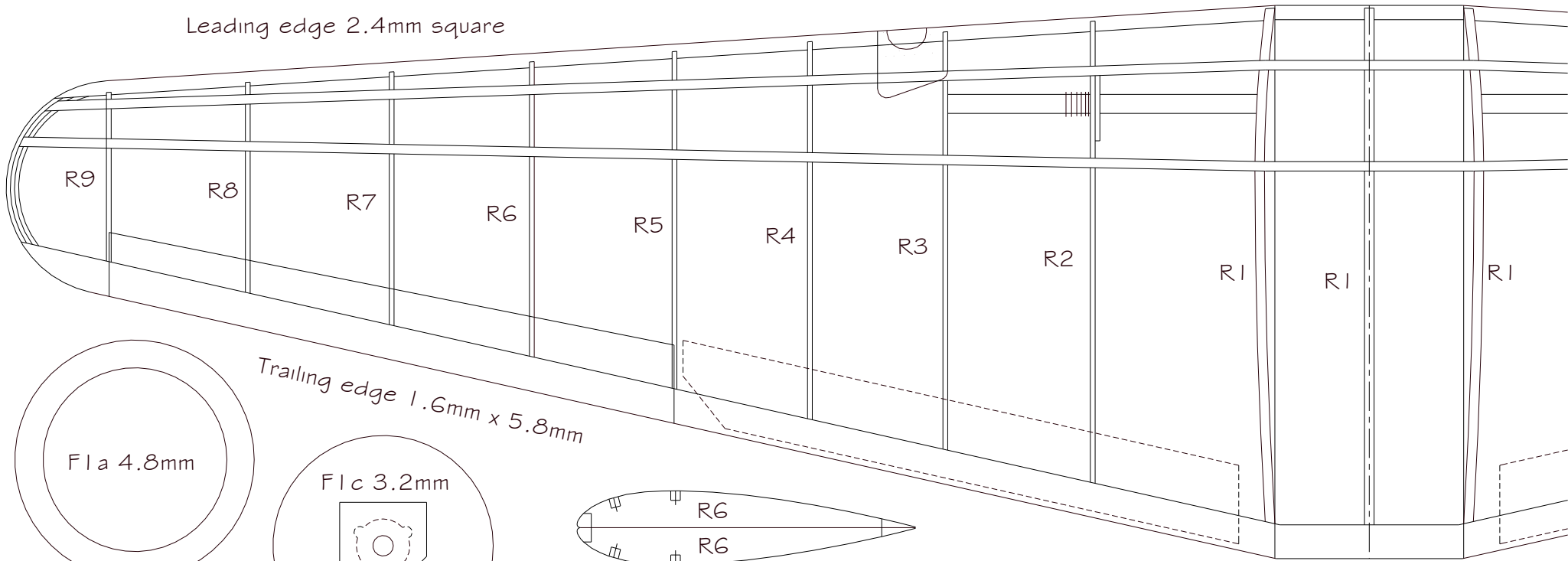
A rubber powered flying scale model of a 1950's Australian cropduster

Dimensions:	Prototype:	Model:	
Span:	11.28 m	470 mm	(18.5")
Length:	7.93 m	351 mm	(13.8")
Wing area:	17.09 m <sup>2</sup>	2.97 dm <sup>2</sup>	(46 in <sup>2</sup> )
Weight:	1,188 kg	28 g	(1.0 oz)
Wing loading:	14.1 lb/ft <sup>2</sup>	9.43 g/dm <sup>2</sup>	(3.1 oz/ft <sup>2</sup> )
Power:	175 hp Scarab	1 loop 3.2 x 300 mm	
Scale:		1 : 24	

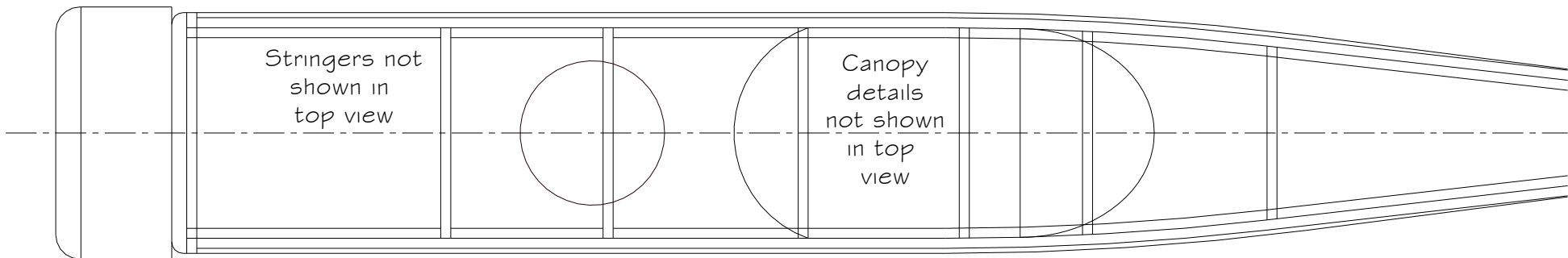
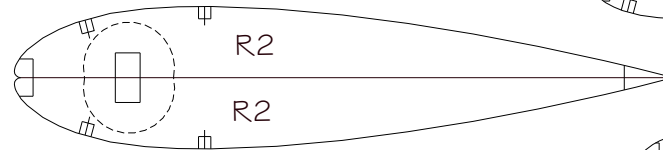
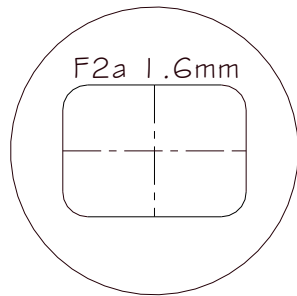
Model designed by  
Derek Buckmaster  
April 2003

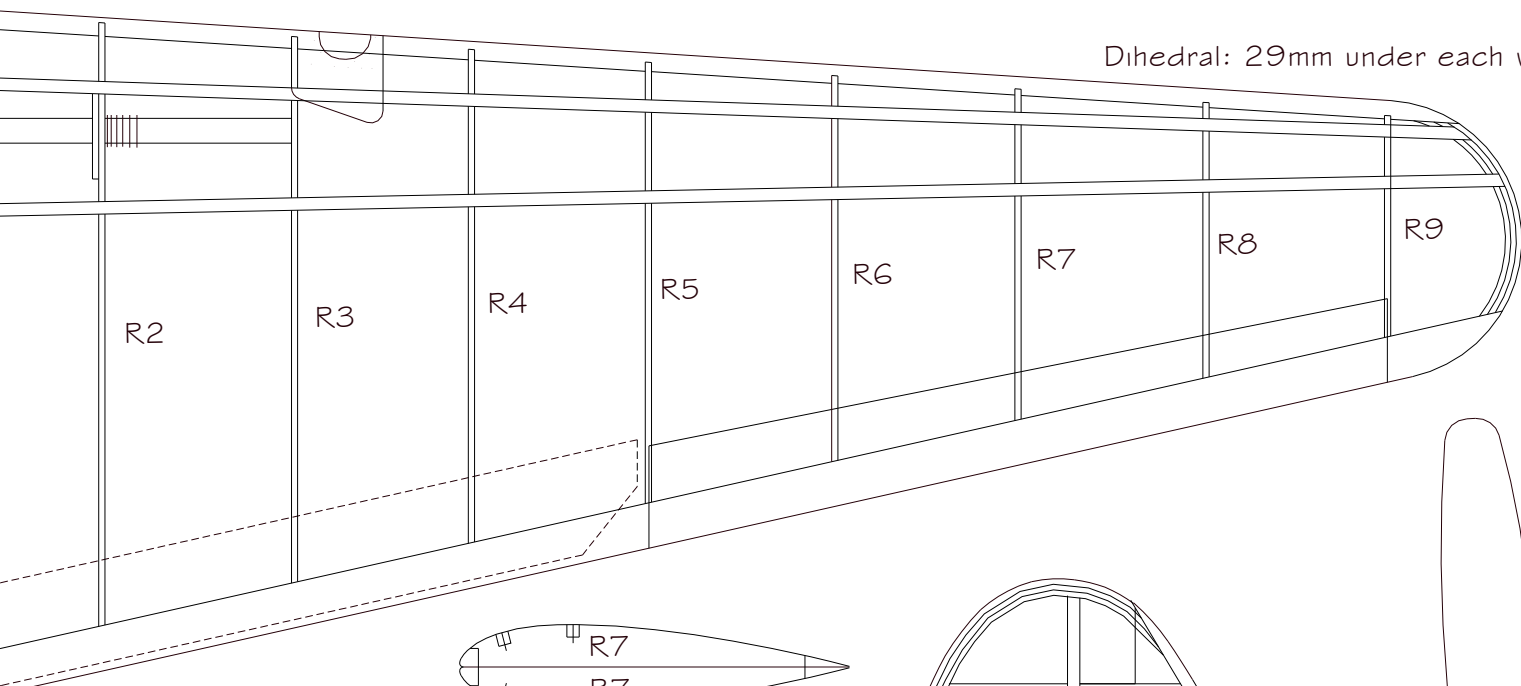
© D Buckmaster 2003

Leading edge 2.4mm square



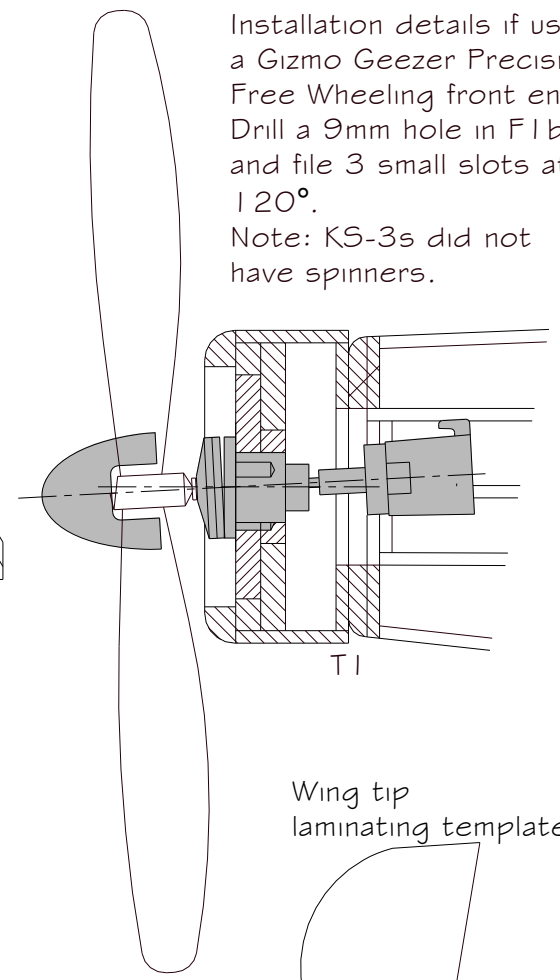
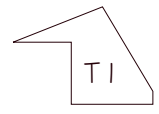
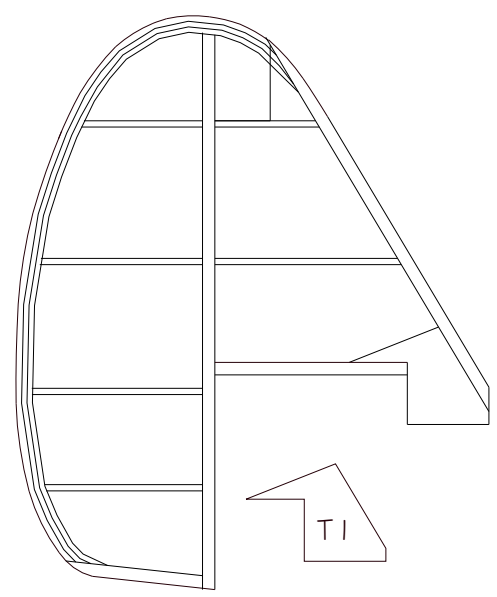
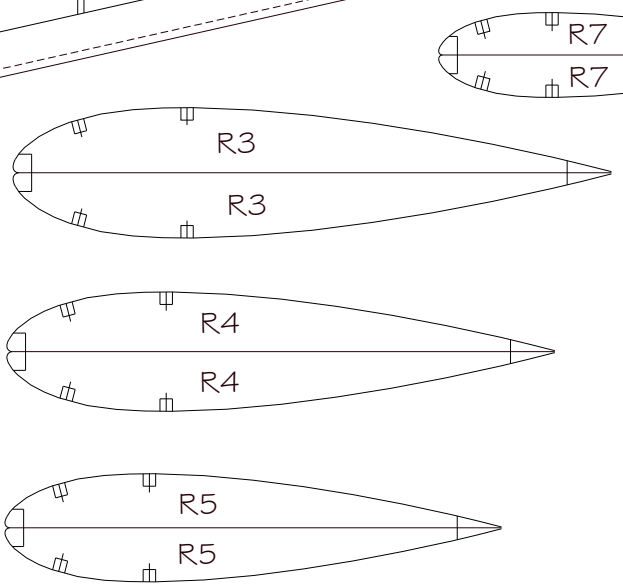
Hole if using  
Gizmo Geezer  
precision free-wheeler





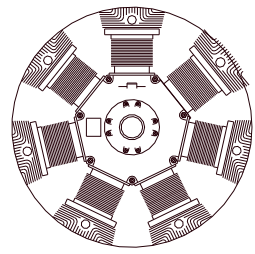
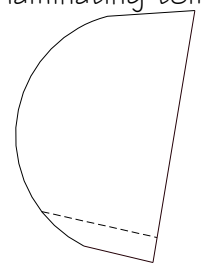
Dihedral: 29mm under each wingtip

Add 1.6mm of washout under the rear of R9 (both wings)



Installation details if using a Gizmo Geezer Precision Free Wheeling front end. Drill a 9mm hole in F1 b and file 3 small slots at 120°. Note: KS-3s did not have spinners.

Wing tip laminating template



Details of the Warner Scarab 7-cylinder radial engine