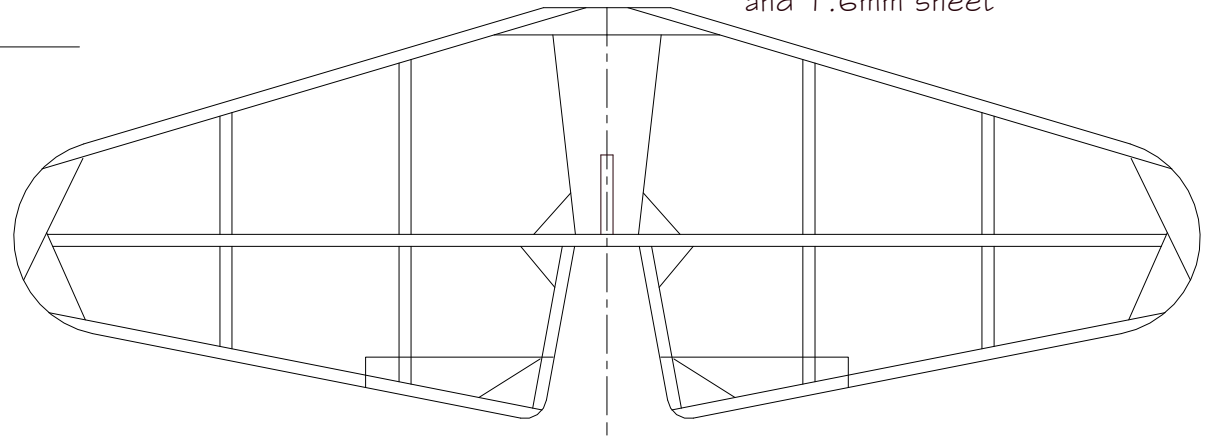
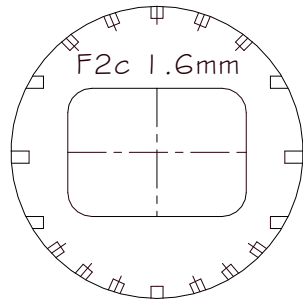
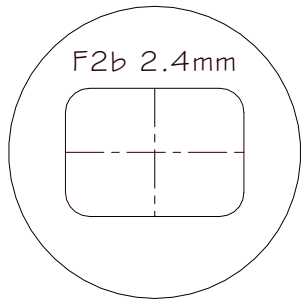
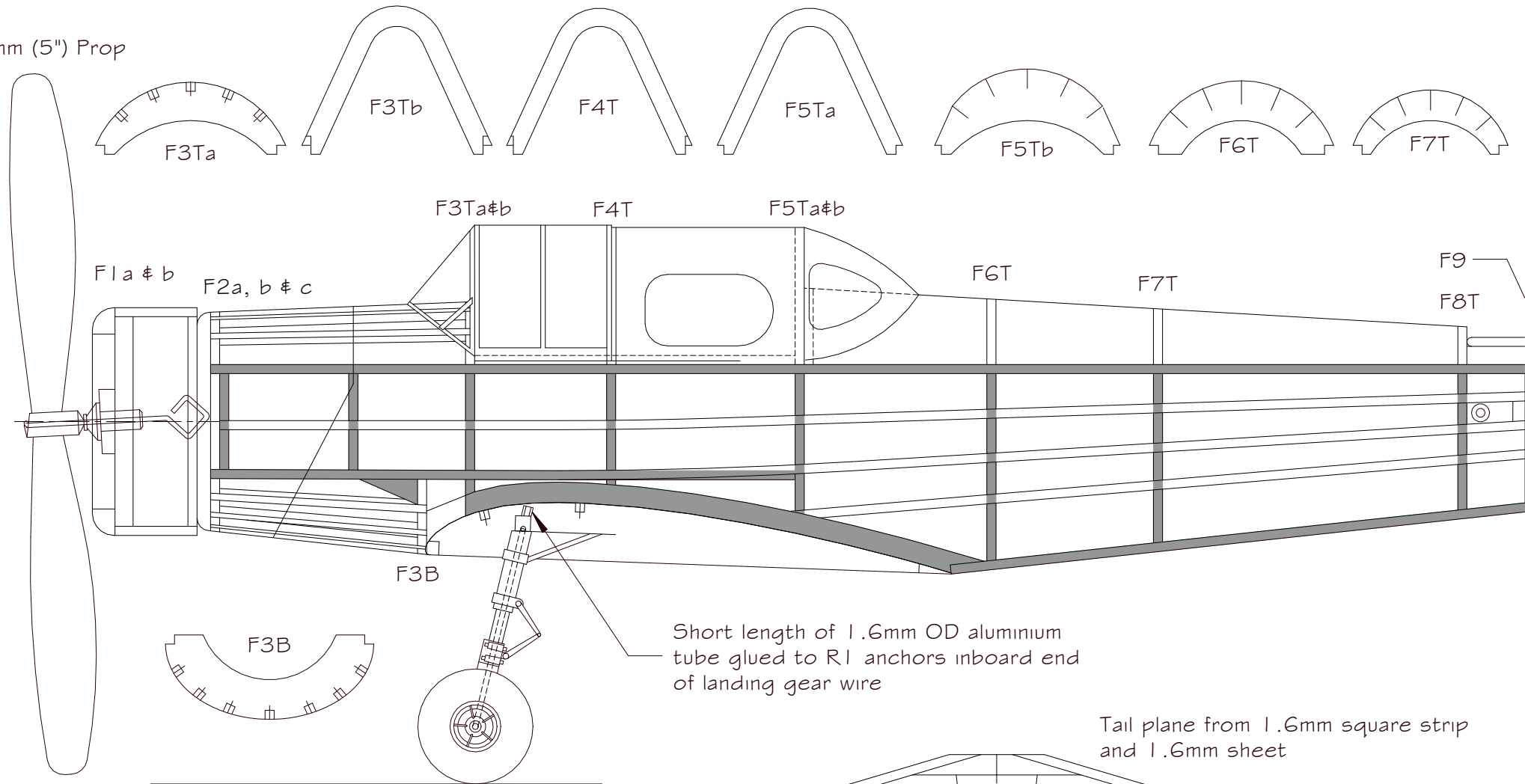
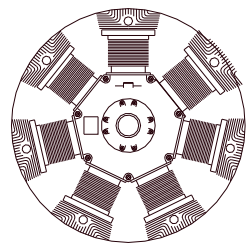
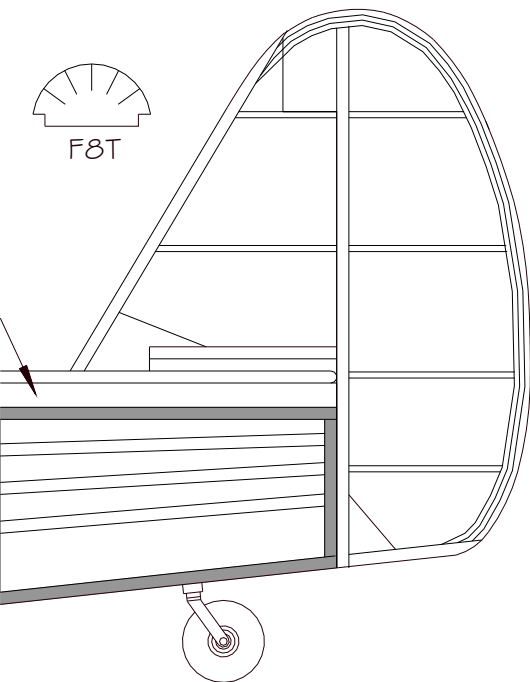


125mm (5") Prop





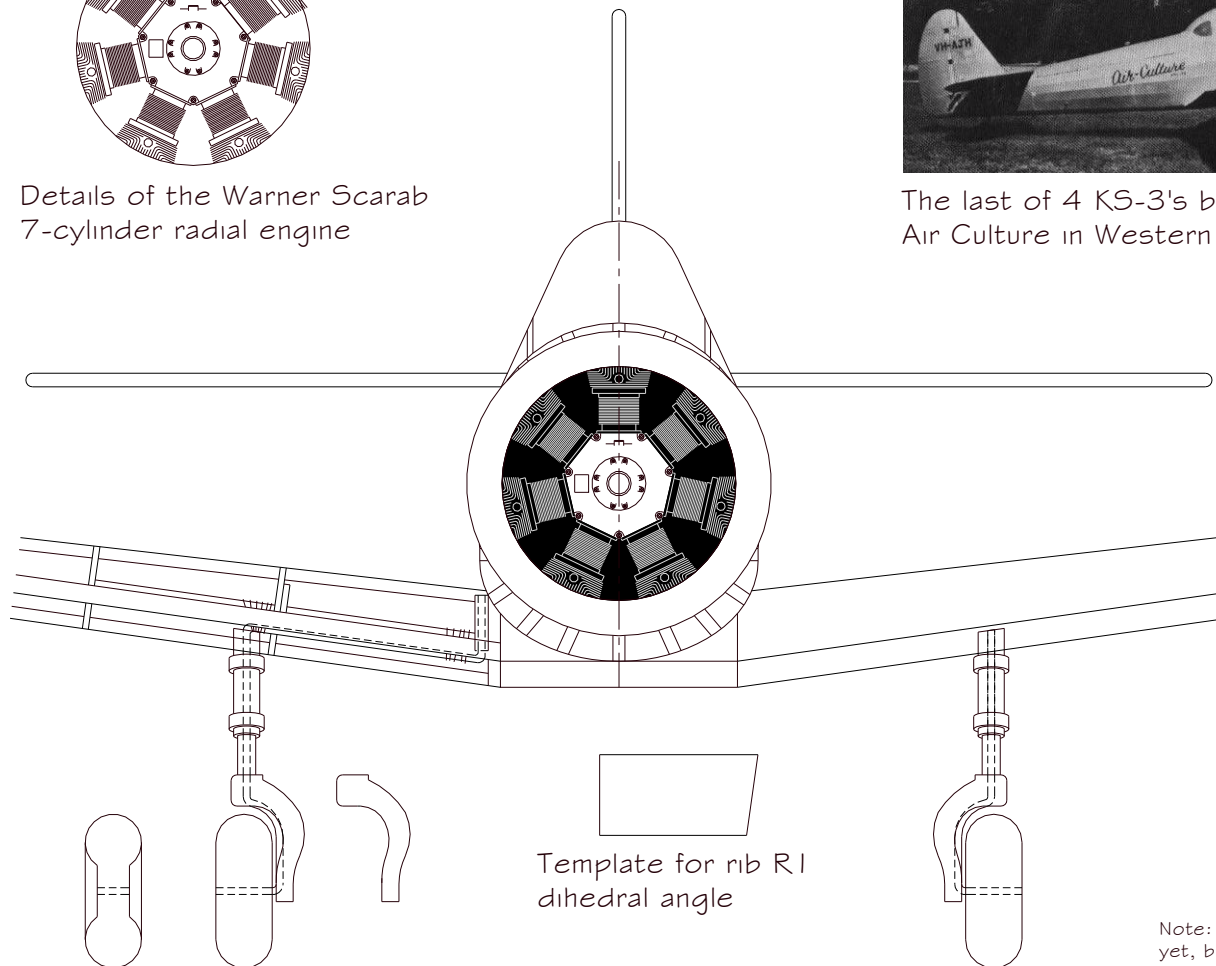
F8T



Details of the Warner Scarab
7-cylinder radial engine

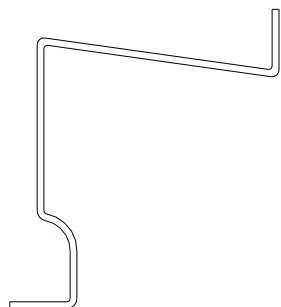


The last of 4 KS-3's built, VH-AJH of
Air Culture in Western Australia.



Template for rib R1
dihedral angle

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"

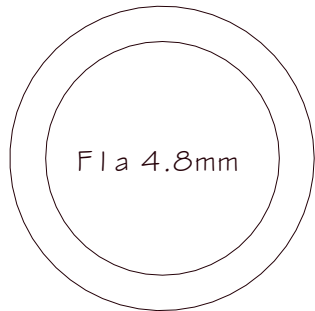
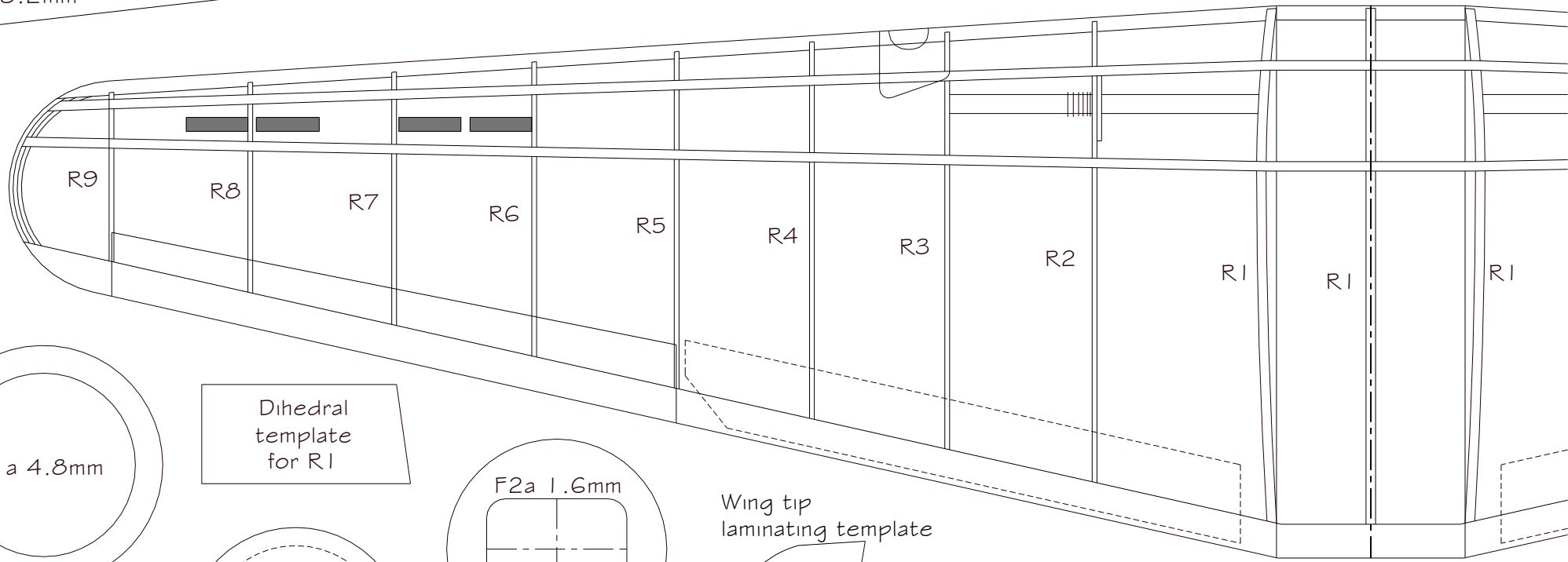
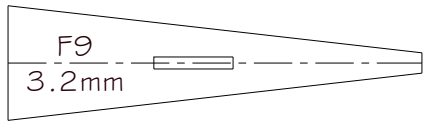
Kingsford Smith Aviation Services KS-3

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

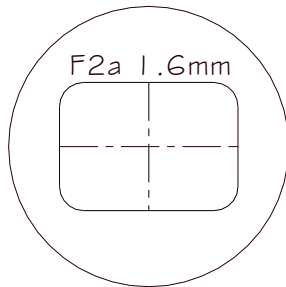
Dimensions:	Prototype:	Model:	
Span:	11.28 m	457 mm	(18")
Length:	7.93 m	323 mm	(12.7")
Wing area:	17.09 m ²	2.81 dm ²	(43.5 in ²)
Weight:	1,188 kg	28 g	(1.0 oz)
Wing loading:	14.1 lb/ft ²	9.97 g/dm ²	(3.3 oz/ft ²)
Power:	Scarab	1 loop 3.2 x 300 mm	
Scale:		1 : 24.67	

Model designed by
Derek Buckmaster
August 2002

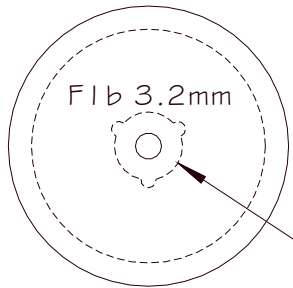
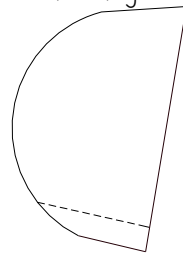
© D Buckmaster 2002



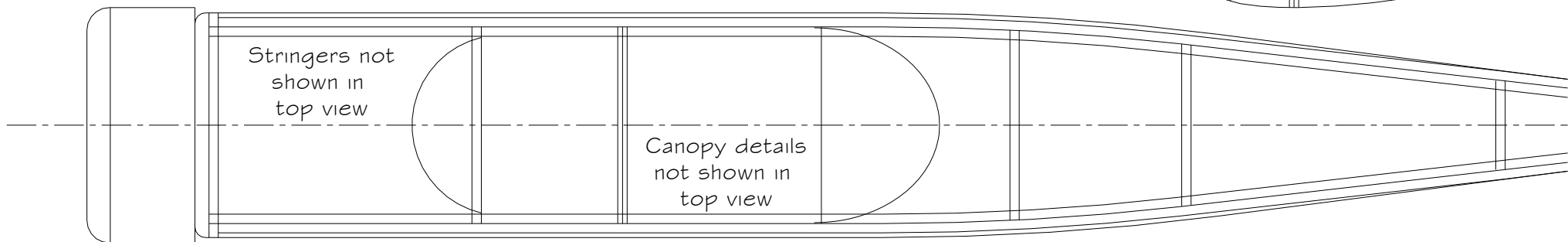
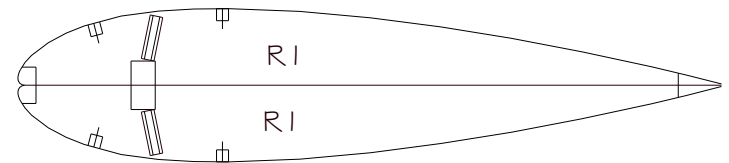
Dihedral
template
for R1

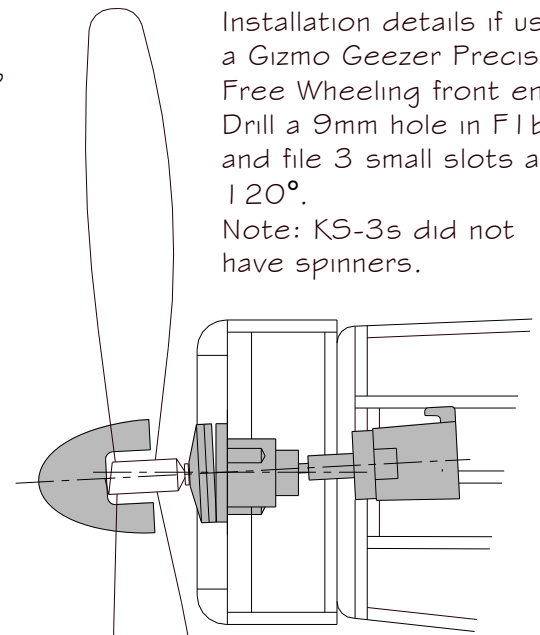
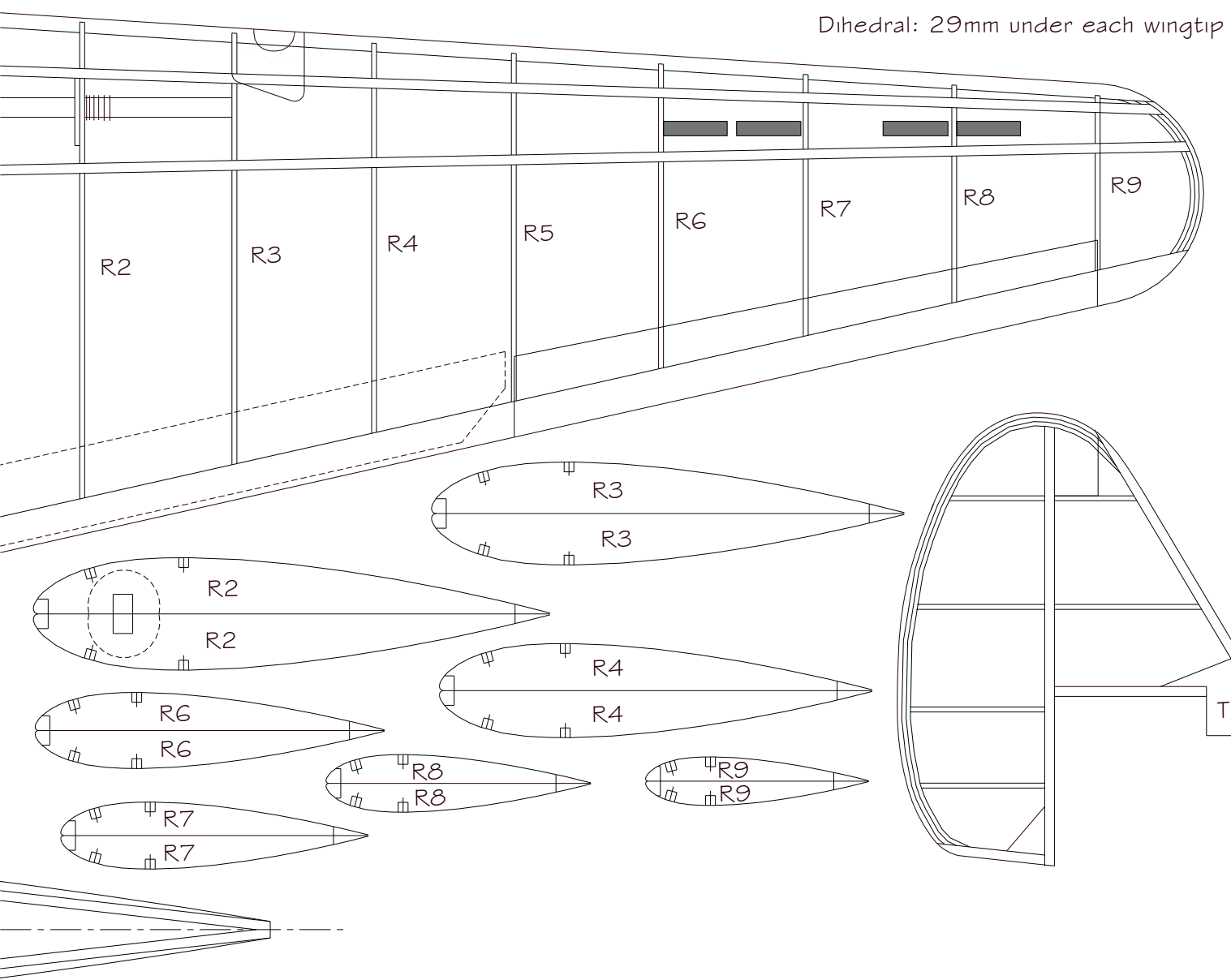


Wing tip
laminating template

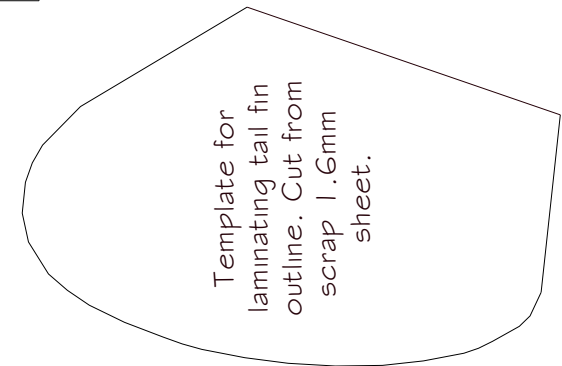


Hole if using
Gizmo Geezer
precision free-wheeler

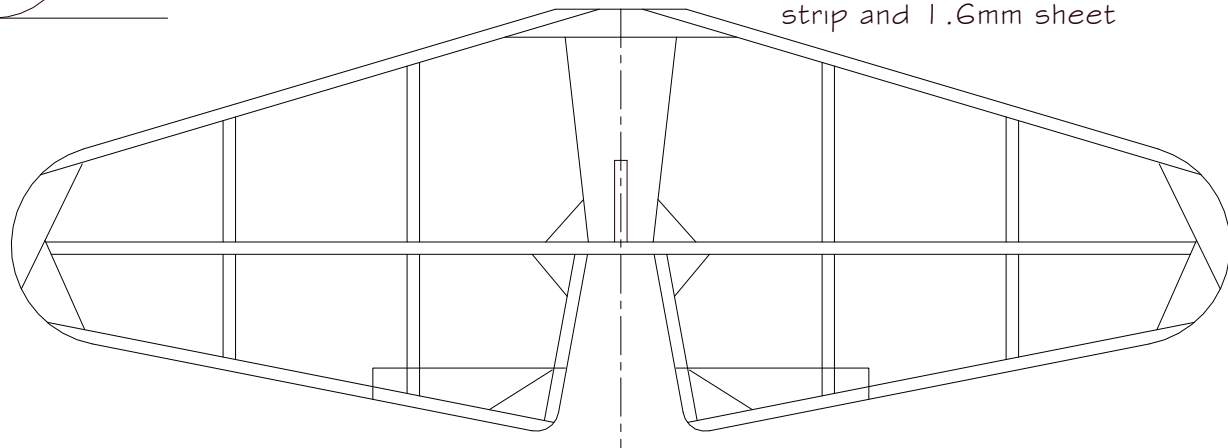
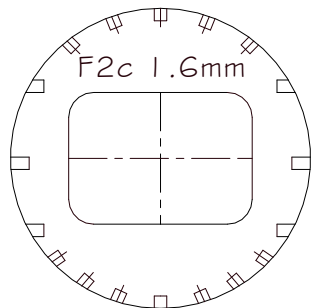
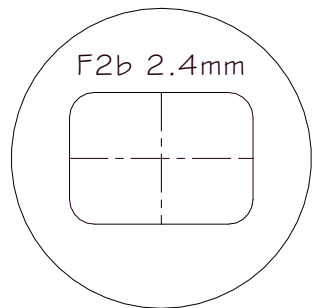
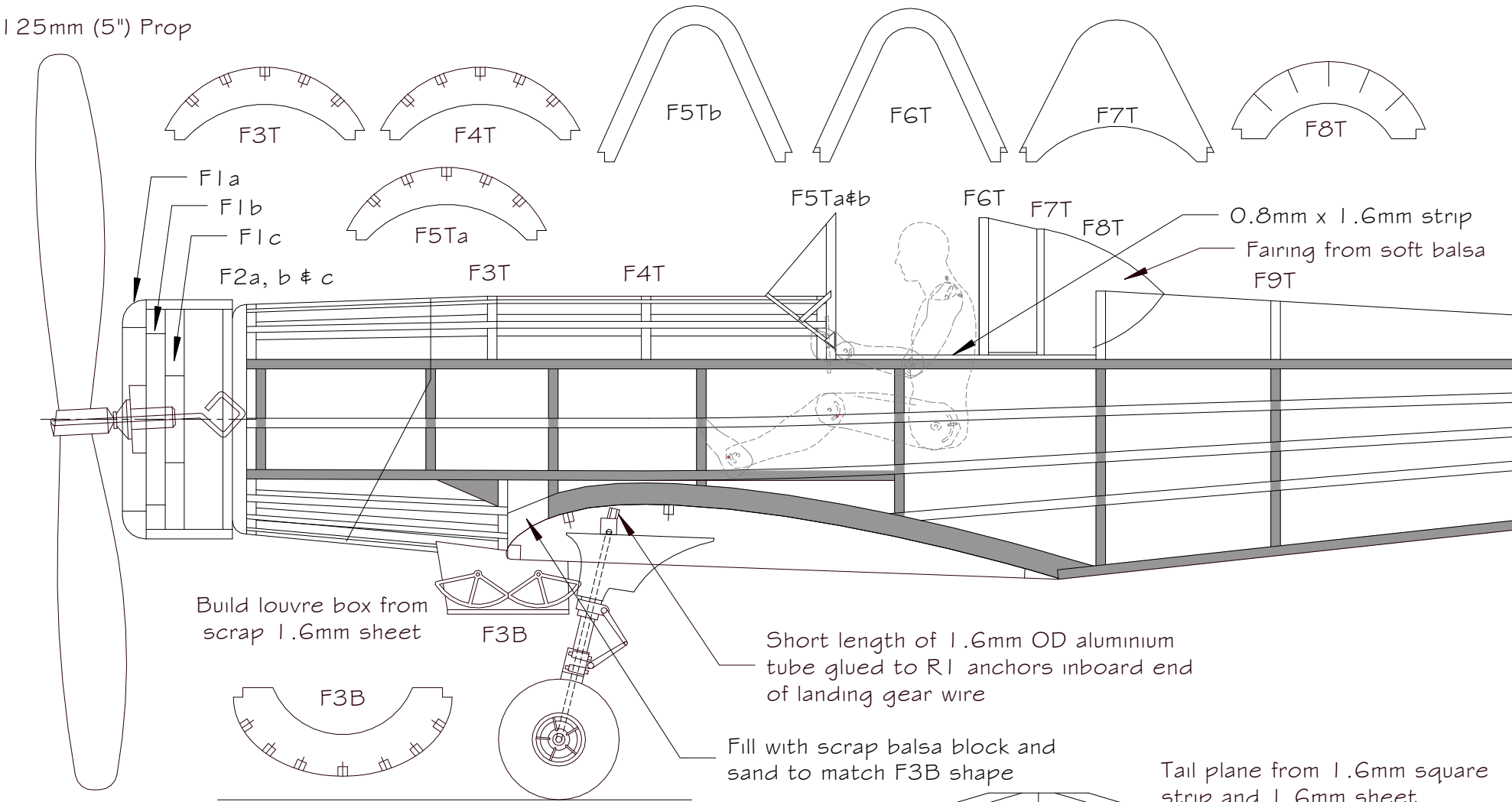


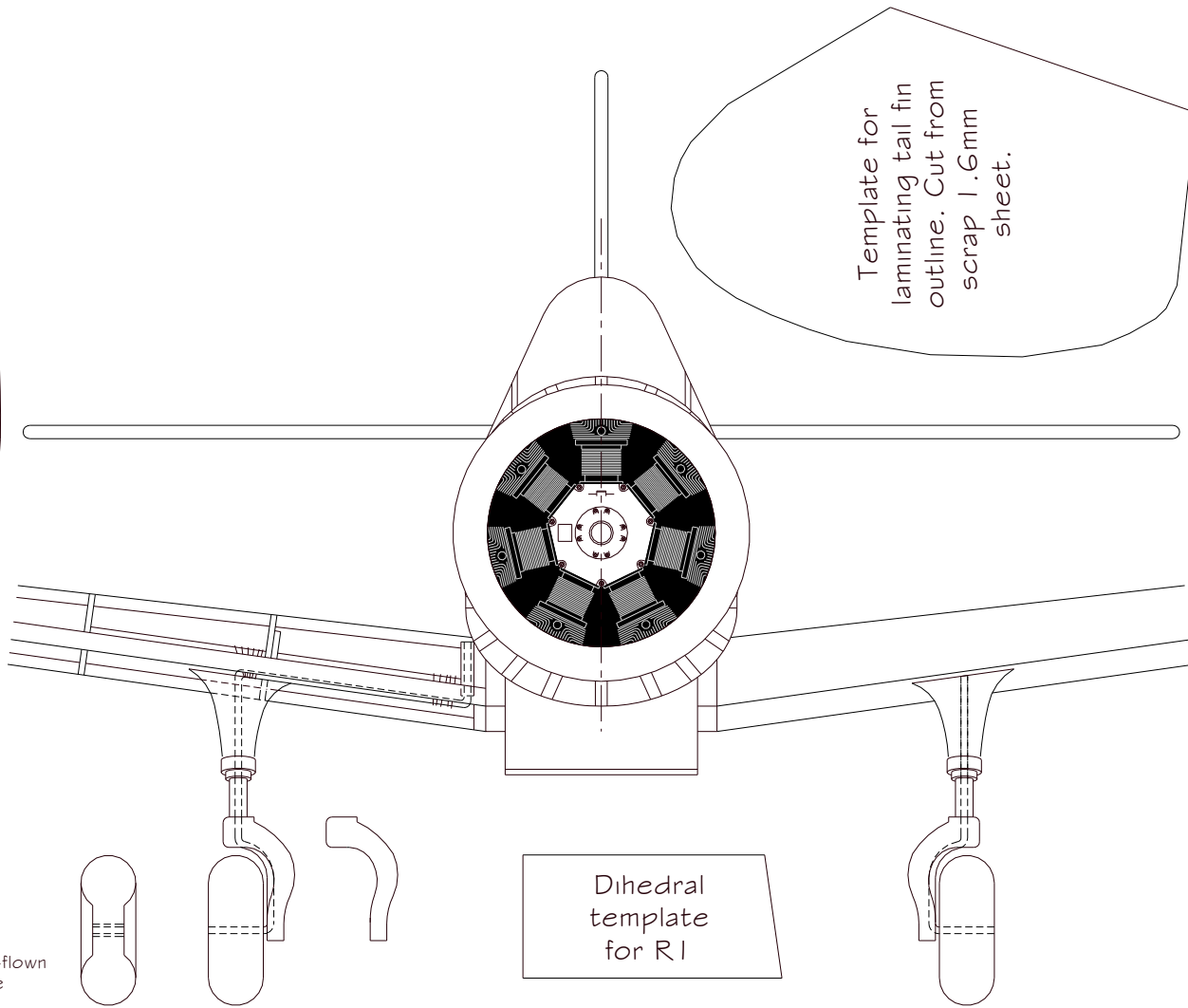
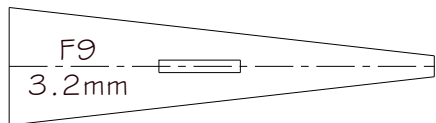
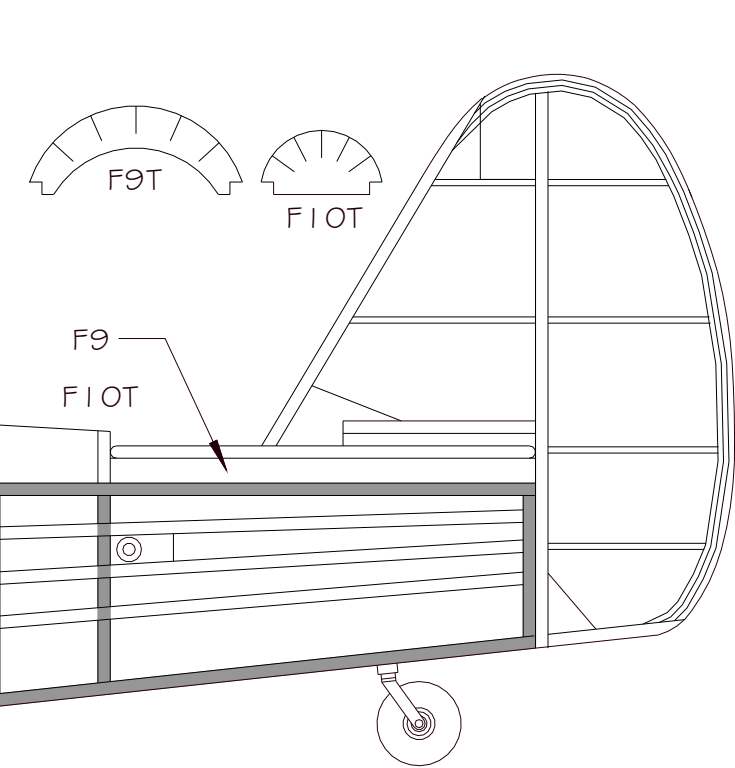


Installation details if using a Gizmo Geezer Precision Free Wheeling front end. Drill a 9mm hole in F1 b and file 3 small slots at 120°. Note: KS-3s did not have spinners.



125mm (5") Prop





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

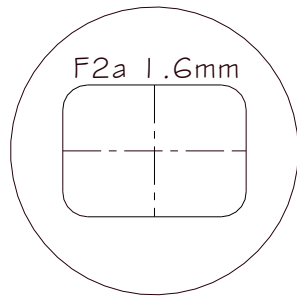
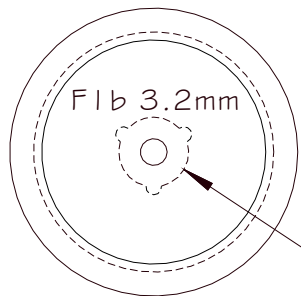
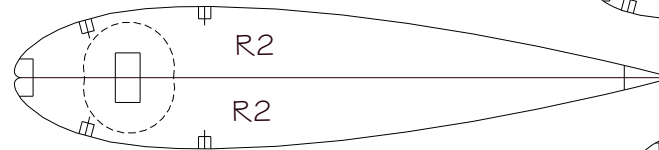
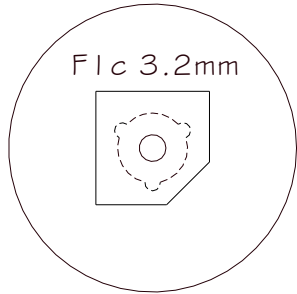
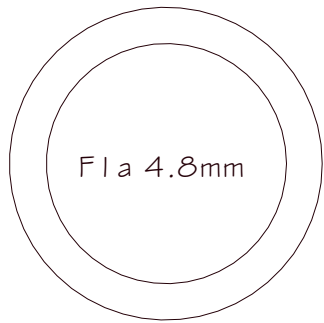
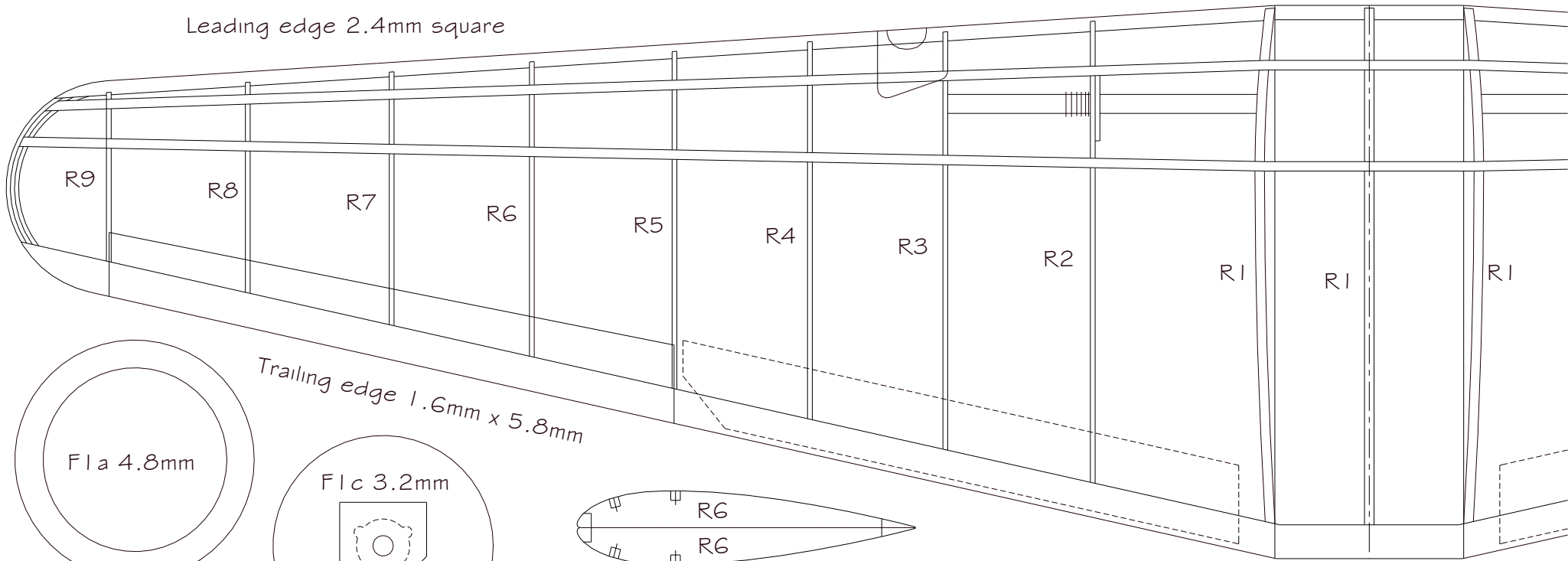
A rubber powered flying scale model of a 1950's Australian cropduster

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

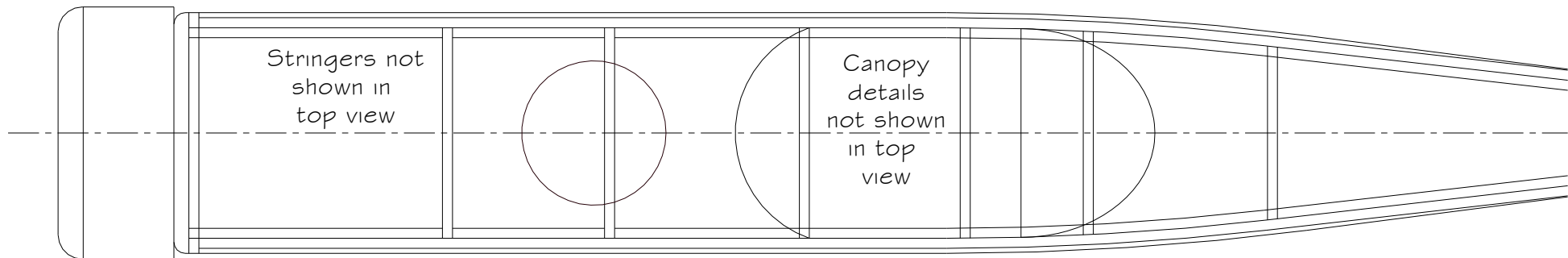
Model designed by
Derek Buckmaster
April 2003

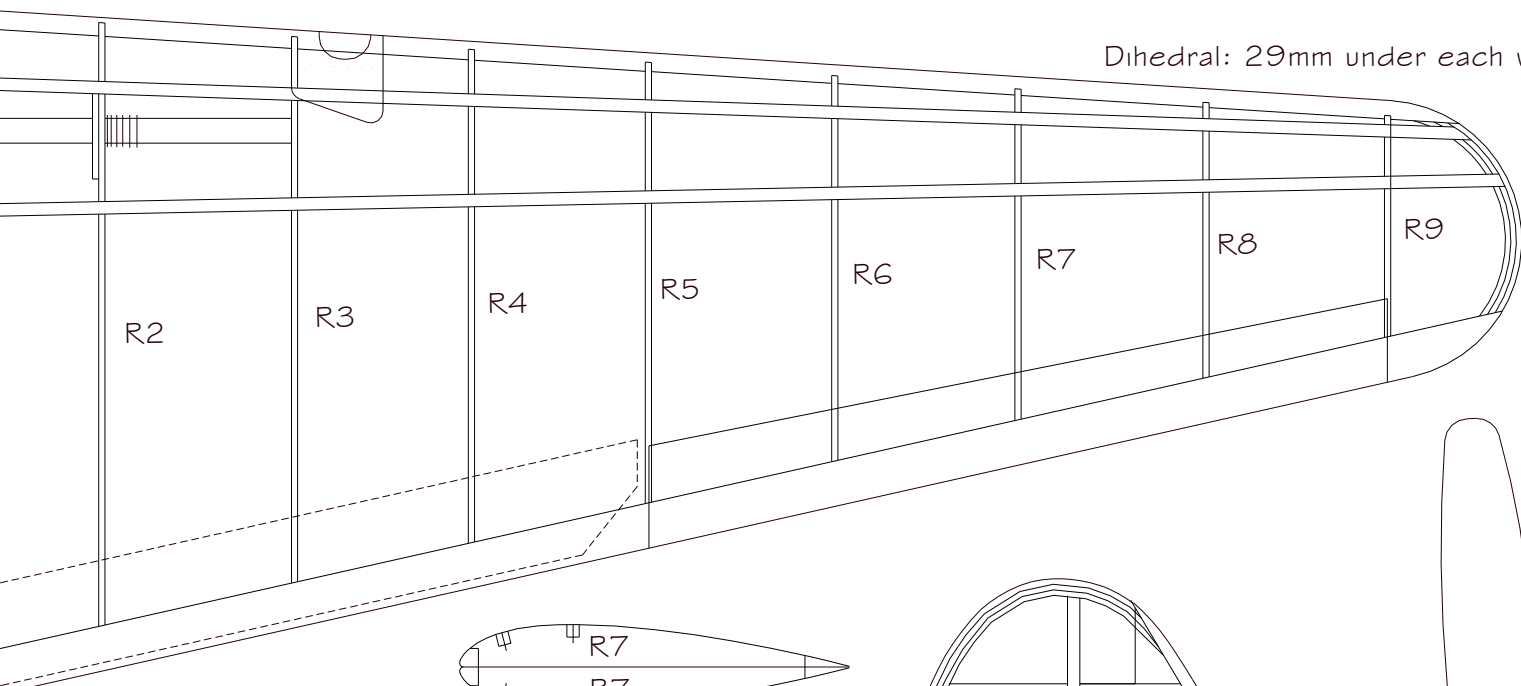
© D Buckmaster 2003

Leading edge 2.4mm square



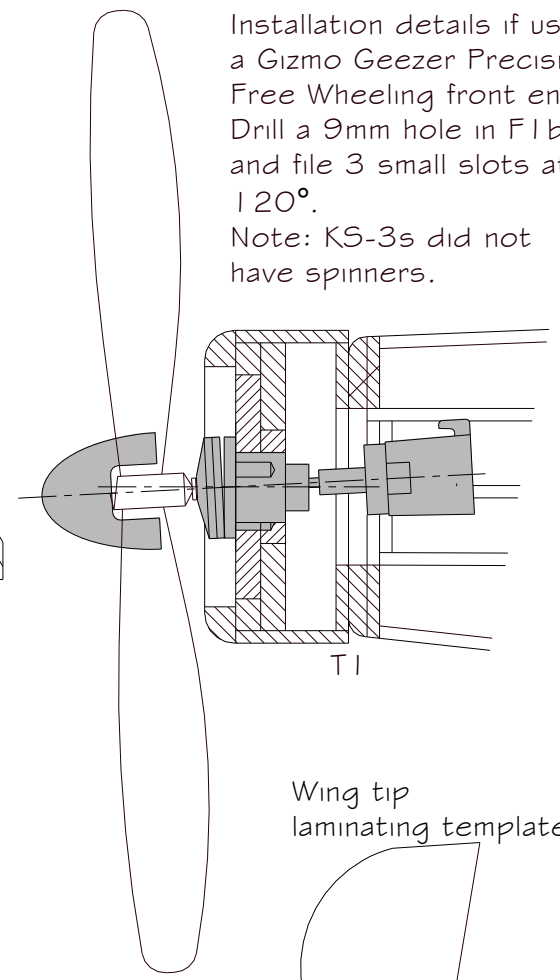
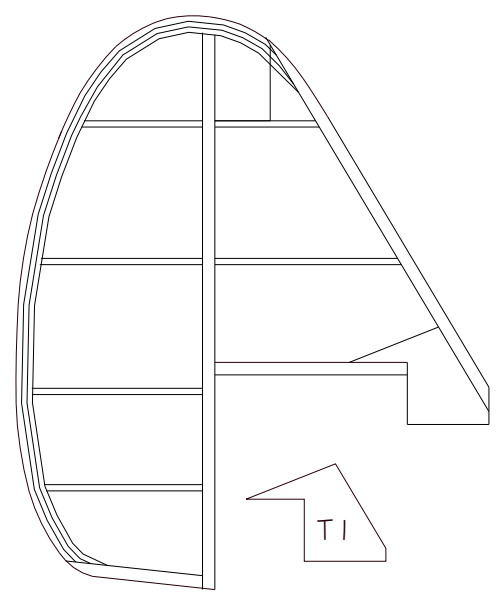
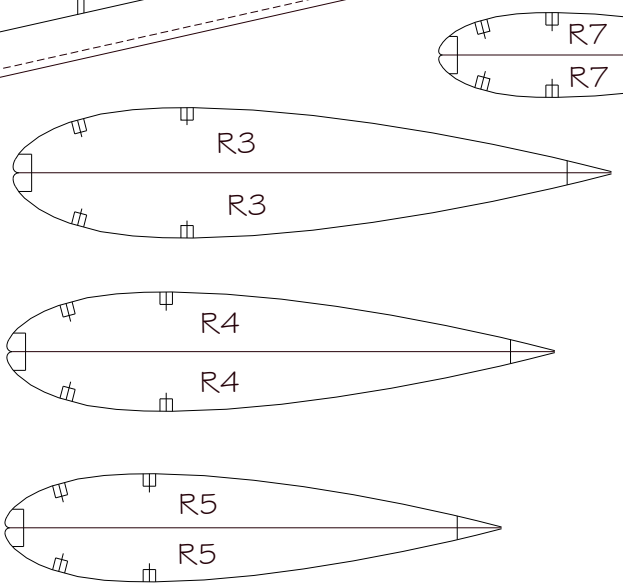
Hole if using
Gizmo Geezer
precision free-wheeler



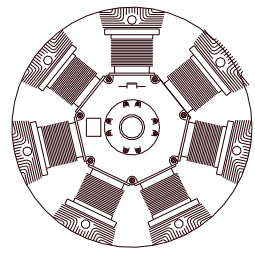
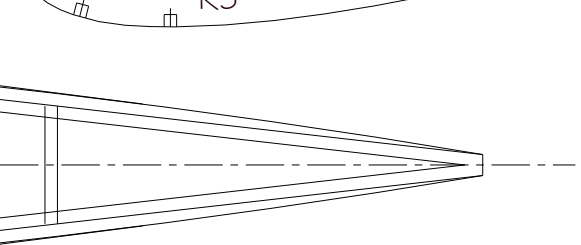


Dihedral: 29mm under each wingtip

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.



Details of the Warner Scarab 7-cylinder radial engine

Wing tip laminating template

