

Gnats Whisker F1M by Geoffrey Lefever

Champion de Grande-Bretagne 2007

Motor Tan 2 Feb. 99 4 strands
1.10 gm / m 1.50 gm. Length 14"
1770 turns at 55gm.cm. 350 turns left.
Average rpm 78.45

Propeller fixed pitch flaring 17" x 29"

Trim

Wing 0-0. No warps. Offset 10mm
T.P. Slight wash in to inboard panel.
Offset 3 degrees 1" tilt
Thrust line 0 down and 3 degrees left
Ballast up to 3gm. Ballast to correct
C.G. position and the rest on the C.G.

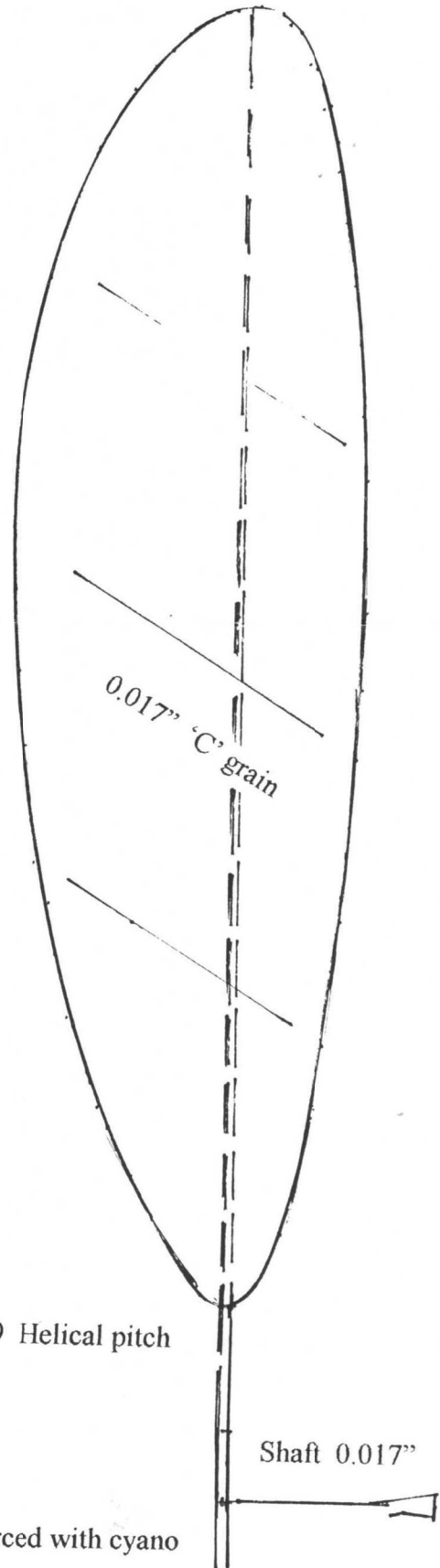
Note that a v.p, prop. requires more
ballast to the rear of the boom for the
same C.G. position

Construction

Motor stick internal dia 0.28" C grain
indoor wood 0.020"
Stub and boom tapered with put over joint
C grain indoor wood 0.014"
Spars and posts model shop 1/16, 1/20 and 1/32
5 to 6 lb. ft cube
Propeller blades 0.017" C grain indoor wood

Weights

Stick	0.900 gm.
Boom	0.246 gm
Wing	0.802 gm
T.P.	0.330 gm
Prop	0.490 gm
Ballast	<u>0.250 gm</u> 3.018 gm



Prop 17 x 29 Helical pitch

Shaft 0.017"

Jap tissue tube reinforced with cyano