

Chain dots show full size outlines
All these surfaces cut from 1.5 mm wallpaper foam

Wing Tip

Fin

Stick 0.3 dia x 0.022 thick rolled tube

Propeller 9.4 dia x 15 pitch full size

Leading Edge

1/32 sheet

Grain direction

Bamboo dowel spar inset into blade. 0.1 dia > 0.04 dia

True blade outline

Shaft 0.024 wire bent with full 'S' hook

Twist blade on helical block and set on spar at 45° at 2.4" radius

WEIGHTS grams	
Fuselage and tail	1.6
Wing with 'Y' pieces	1.4
Propeller	0.9
Total	3.9

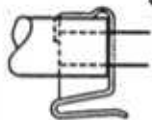
RUBBER
2.05 g of 2.31 g/m Tan 2
Takes 2000 turns safely
(This makes a loop about 0.086 wide x 17.5 long)

TRIM
Left circles using left rudder and left sidethrust.

Foam glued with 'Bison' clear adhesive

Boom 3/32 light. Enters tube about 0.25

Rear hook 0.024 wire. Slotted into end of boom. Slot then filled with 1/32 balsa



Rear Hook full size

Scale half size unless otherwise stated

Bubbles

foam duration
by
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