Mini-ROTAROC Plans page 1 (Design & assembly)

Drawings show model which would rotate counter-clockwise as viewed from above.

PARTS: light 1/16" balsa (fins & rotor supports), Med-light stiff 1/16" balsa (rotors), 14.5" BT-5, BT-5 nose cone, Klett RK2 model plane hinges (3), pins or model railroad spikes, 1/16" by 2.25" rubber bands.

Rotors are 1" wide (chord), 12" long. Made from medium-light 1/16" balsa. Balsa should be somewhat stiff so it will not bow outward much when folded for boost.

Rotors are fragile and easy to damage or break while sanding the trailing edge. Below is how to sand the trailing edge of all rotors before cutting out from balsa sheet.

Middle arrows point in direction of leading edge. Top view for models rotating counter-clockwise

3" 🏓

root root

12"

1 2 3

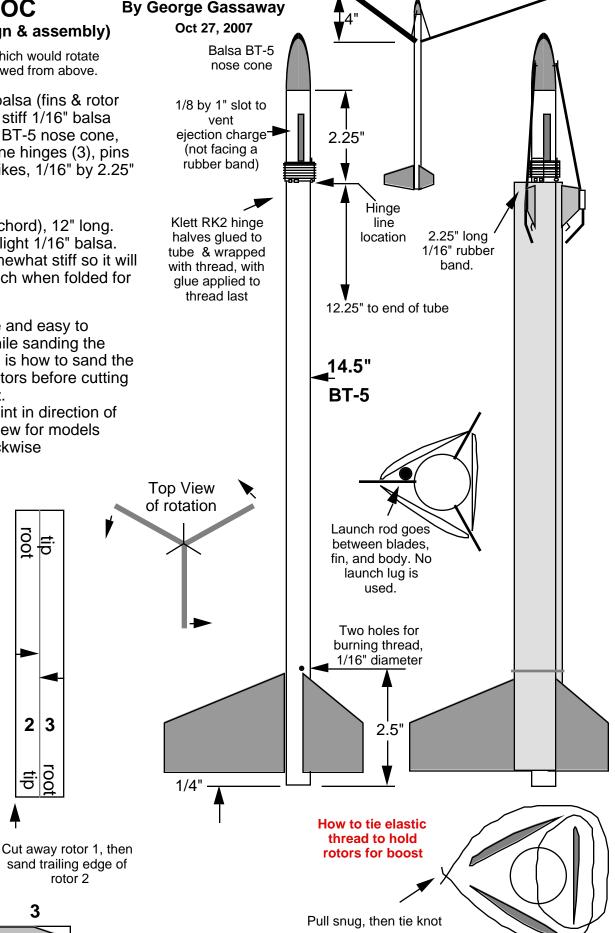
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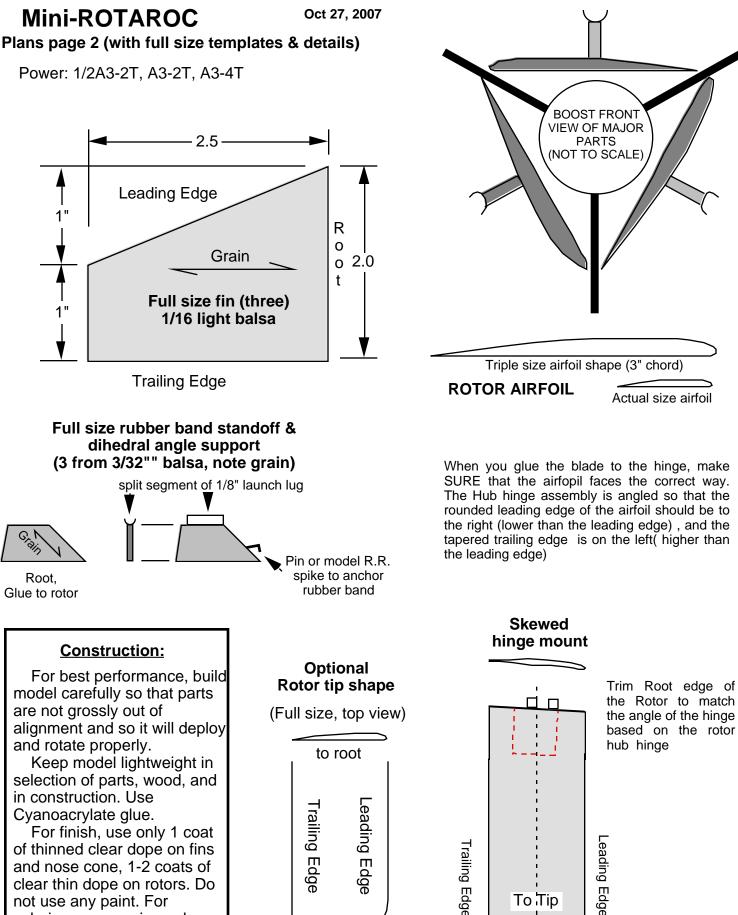
Sand trailing

edges of rotors 1 and 3

2

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clear thin dope on rotors. Do not use any paint. For coloring, use magic marker.



To Tip

