

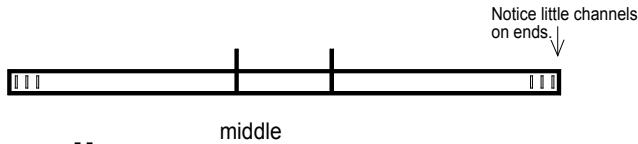
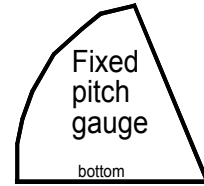
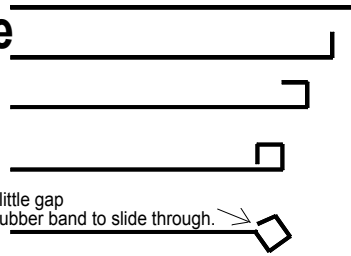
PATTERNS FOR HUMAN POWERED DRAGONFLY COPTER

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No scaling when printing
Do not "fit to page"

Detailed instructions at sciencetoy maker.org

Bend the Hook



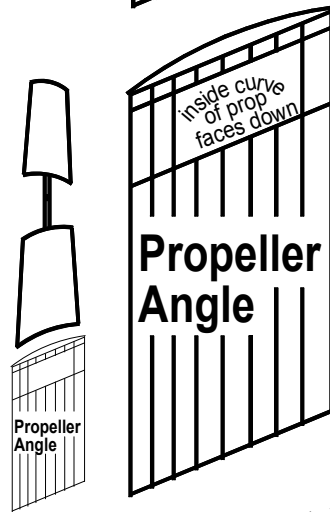
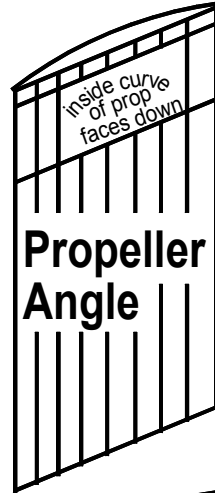
Propeller Strut Pattern

Made from a cotton swap stick.
Take off cotton ends.

Variable-Pitch Sleeve



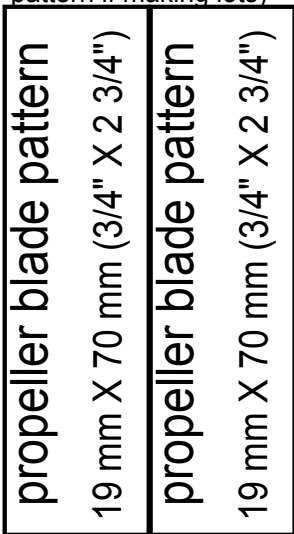
Fuselage (body) Length
140 mm (5 1/2 inches)



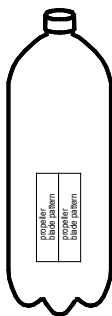
Convex (outside of bottle) is up!
Concave (inside of bottle) is down!

Propeller Pattern

(use the other prop pattern if making lots)



propeller patterns go on 2 liter bottle the long way



MEASURE: Did it print to scale?

