

PATTERNS FOR RUBBER BAND POWERED DRAGONFLY HELICOPTER: Fixed Propeller Angle/ Off the Shelf Version

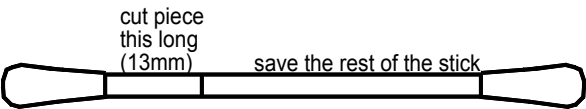
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Detailed instructions at
sciencetoymaker.org

No scaling
when printing
Do not "fit to page"

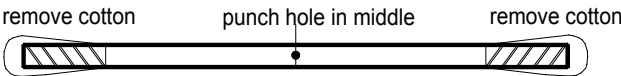
Bend the Rubber Band Hook

Have a little gap
for the rubber band to slide through.

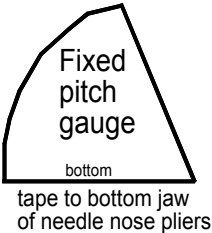


Shaft Bearing

Convex (outside of bottle) is up!
Concave (inside of bottle) is down!
This side faces the paperclip/
propeller shaft.



Propeller Strut



fixed pitch angle

Propeller Pattern

(use the other prop
pattern if making lots)

propeller blade pattern	propeller blade pattern
19 mm X 70 mm (3/4" X 2 3/4")	19 mm X 70 mm (3/4" X 2 3/4")



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

MEASURE: Did it print to scale?

