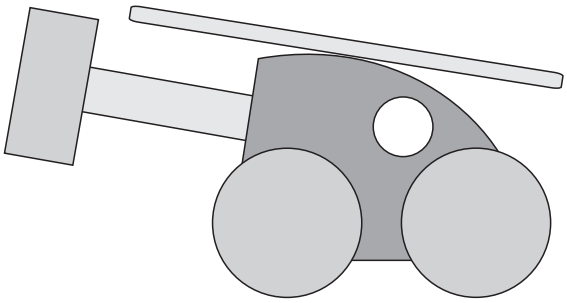
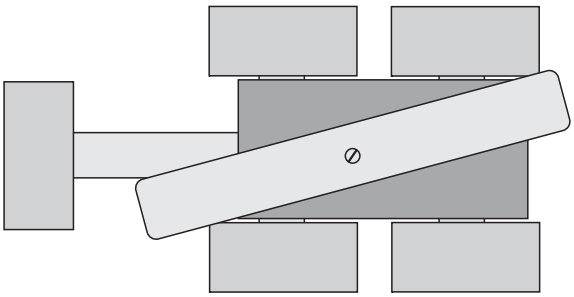
WOODTURNERS
SOUTH AUCKLAND
WOODTURNERS GUILD INC
Turning Tomorrow's Treasures

The Helicopter

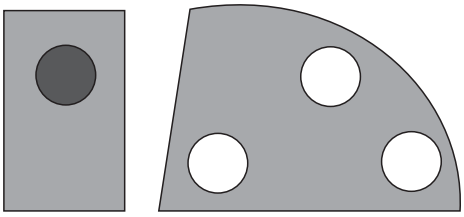
This drawing is not to scale. The overall size and proportions of the helicopter are your choice.



Side View

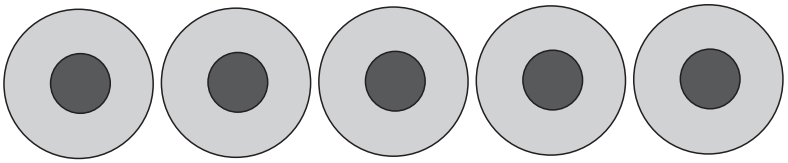


Plan View



Back view Side view

Cut the body to shape.
Drill wheel axle holes through at 1mm larger than the doweling you intend to use. Drill one or two windows with this drill.
Drill for the tail into the back of the body at the size of the dowel you intend to use.
Drill a pilot hole slightly forward of the highest point of the body for the screw to attach the rotor later.
Sand and finish.



Make five wheels. Drill three quarters through each at the size of the dowel you intend to use. Measure the depth of this hole.
Sand and finish.

Cut three lengths of dowel. All the same length.
Equal to the body width, plus two times the depth of the hole in a wheel, plus 2mm.
You may need to sand the dowel to be used for the tail.

Make a rotor. The width about four times the thickness.
Drill a central hole to take a round-headed screw.

Assemble and test fly.