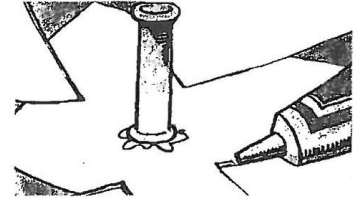


Make a model helicopter

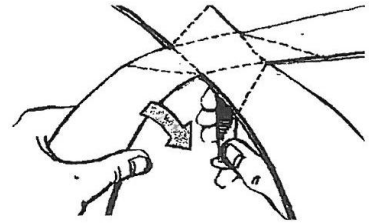
You will need:- cotton reel, scissors, card, glue, thin string, paper clips, knitting needle

1. Glue the rotor onto card and cut out around the solid lines.

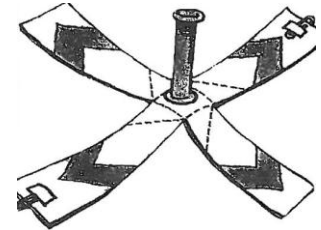
2. Turn the rotor over and glue the spool onto the card, making sure that it is in the centre.



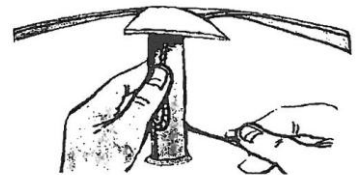
3. Carefully bend the rotor blades along the dotted lines. Bend them down slightly along the lines of the centre square.



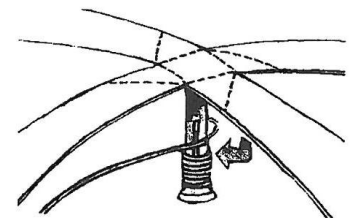
4. Attach a paper clip to the tips of one pair of blades as shown.



5. The rotor will look like this from the side. The slight twist and droop helps the blades bite into the air as they spin.



6. Wind a length of thin string around the reel so that it traps the loose end as shown. Make 12 to 15 complete turns. Always wind the string towards the high edge of the rotor blades. If you do not, the helicopter will try to take off downwards.



7. Pass a knitting needle through the cotton reel. Hold the needle vertically below the cotton reel. Pull gently on the string and the helicopter will fly.

