

# Paper Kite Template

## You will need:

Print out of kite template on A4 piece of paper

Scissors

Clear tape

Single-hole punch

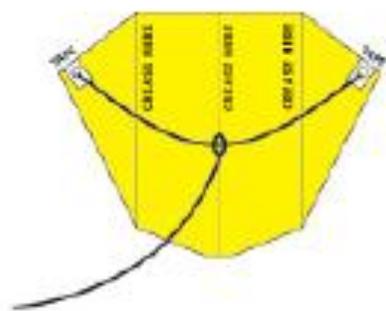
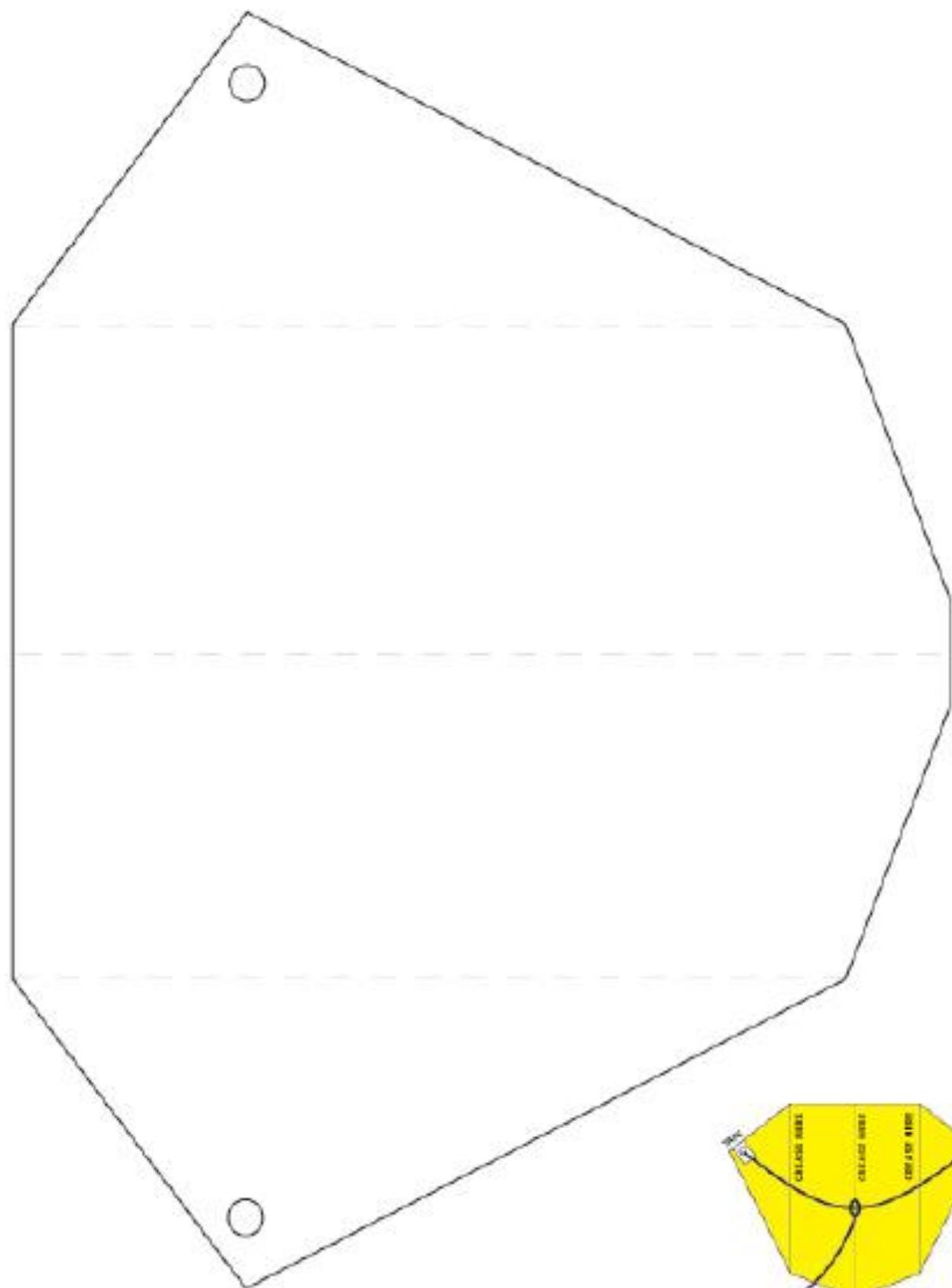
Thread or kite cord

Stapler

Some ribbon

## Method:

- Cut out the kite from the template and make creases as shown.
- Reinforce the side points with tape as shown, then punch a hole in each point.
- To make the kite harness, tie the ends of a 60cm length of thread or kite cord to the holes.
- For the kite string, tie one end of a length of thread or cord to the harness.
- Make the loop loose so the string slides easily along the harness.
- Our string, for running with, was about 2.5m long. For a higher flying kite, you can use a longer string.
- Staple the ribbon to the bottom of the kite for a tail.



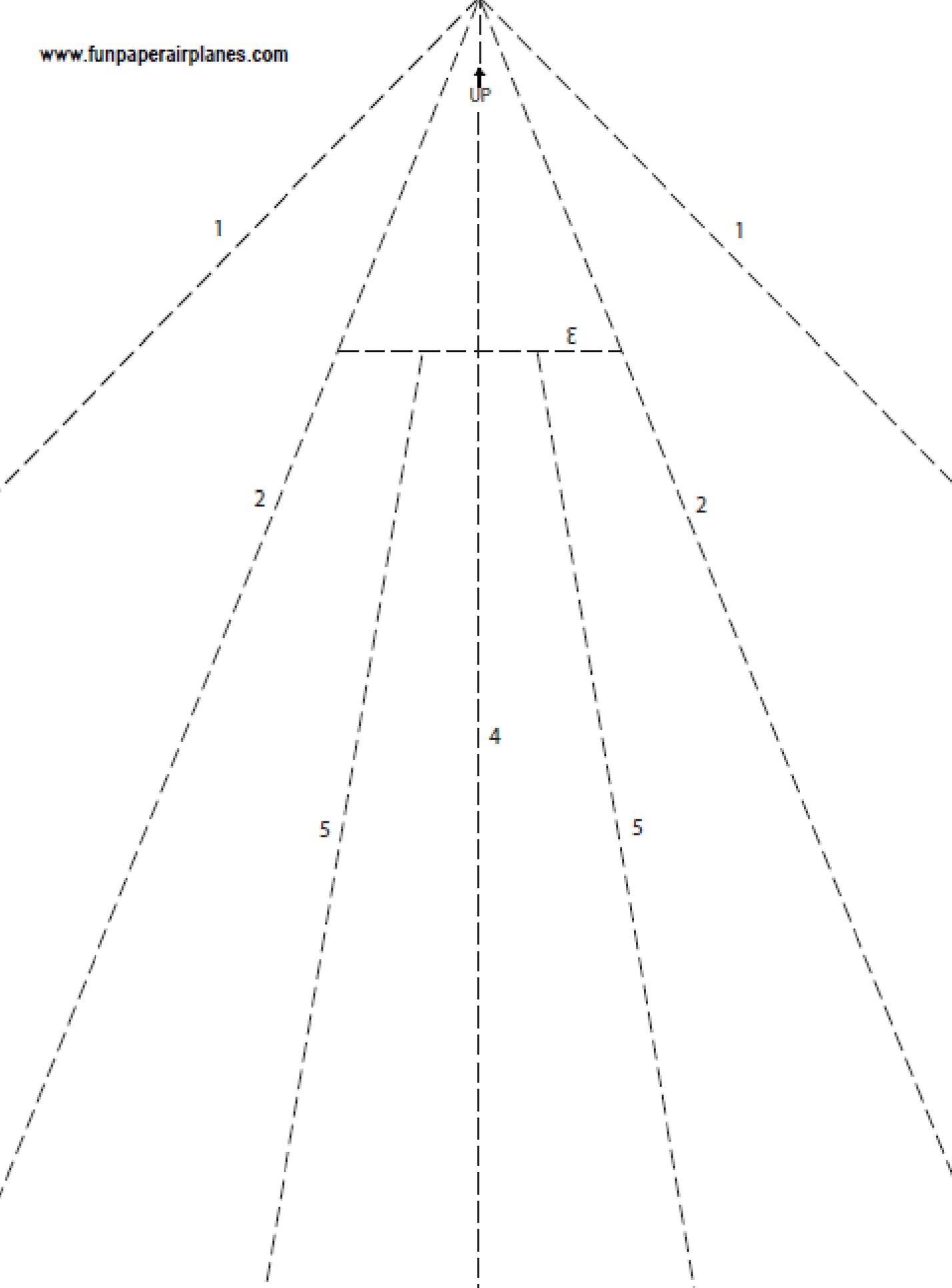
# Paper Plane Template

## You will need:

Print out of plane template on A4 piece of paper

## Method:

- Flip the sheet so that the fold lines face the table and the point of the fold lines face up.
- Pull the top right corner down toward you until fold line 1 is visible and crease along the dotted line. Repeat with the top left corner.
- Fold the right side over again and crease along fold line 2. repeat with the left side.
- Fold the tip down toward you and crease along fold line 3
- Flip the sheet over and fold the left side over onto the right side and crease along fold line 4 so that the outside edges of the edges line up.
- Fold the wings down along fold lines 5.
- Partially open the folds you just created so that the wings stick out straight.
- Cut two slits, one inch apart, along the back edge of each wing for elevator adjustments.
- Add wing dihedral by tilting the wings up slightly. The wings will have a slight V shape when viewed from the front.



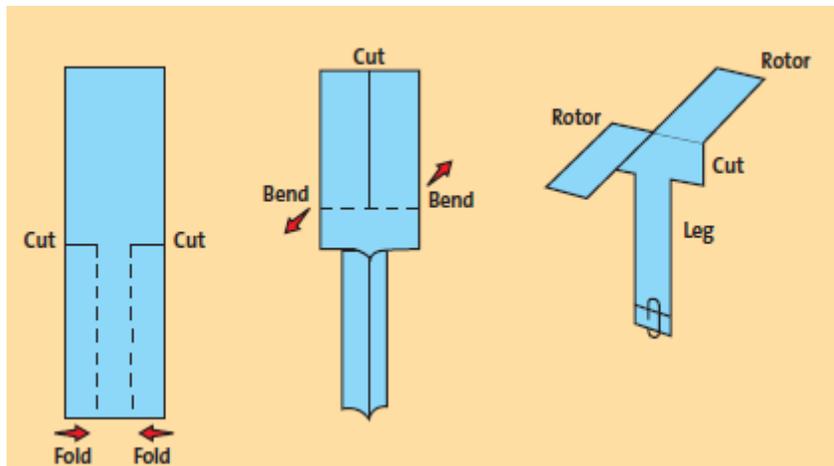
# Paper Helicopter Template

## You will need:

Print out of helicopter template on A4 piece of paper, scissors, ruler, paperclips

## Method:

- Cut the templates out and bend as described in image



- Test the helicopters by dropping from height and observing them spin as they are dropped.
- Bend the rotor blades the other way around and watch again.
- This design could be adapted by changing length of rotor blades, type of paper/card, number of paperclips etc.
- See can you adapt yours so that it falls very slowly while spinning.

