Fold a Perfect Paper Airplane

Wonder how other people fold an airplane so fast and fly it so smoothly in the air? This tutorial is going to teach those who is not good at folding the paper airplane and those who did not even know how to make one the steps of fold a perfect paper airplane. This will provide you the necessary instructions for the paper airplane to fly longer and smoother in the air.

Equipment and Supplies

For this paper airplane, we will need:

Paper   A size $8\frac{1}{2}$" by 11" paper(A4) paper or just a regular letter size paper (Other paper

size is ok, but cannot guarantee the effect of the paper airplane)

Scissor   A regular size scissor is fine, able to cut through paper.

Some Technical Terms You should know

Long Side/Short Side --- If the paper is a rectangle, the long side means the longer edge of the

paper, while the short side means the shorter edge.

How to Fold a Perfect Paper Airplane

1. Pull out the piece of paper you prepared, and place it vertically, that means the long side of paper should be facing you.

2. Fold the paper in half along the long side of the paper, and unfolding it, you should see a line along the middle created by the fold.

3. Still with the long side facing you, fold the top-right corner into the middle line, forming a perfect triangle, then do the same for the bottom-right corner.

4. Now you have a paper which the left shape like a rectangle and the right shape like a triangle, like the previous step, fold the top-right and bottom-right side again into the middle line(be careful because they are not sharp right-angle corners, so you are folding a long edge along the middle line).

5. Now you have a sharp end and a short edge left, which almost like a paper airplane right now, but now, fold the sharp end for about 1 cm inside.

6. Fold the whole paper along the middle line, you should have an almost triangular shape with a right triangle on the bottom-left.

7. Fold the hypotenuse of the triangle along the bottom edge of the triangle, do the same for the other side, now you should have a general shape of a paper airplane, we will do some modification to it for making it fly longer and smoother.

8. On the tip of the wings of the paper airplane, fold about 1 cm edge and make it point to the top.

9. Now you have a perfect flyable paper airplane, enjoy.