

# How to Make a Paper Airplane – Stable 1

## Introduction:

Making a paper airplane is wholesome fun that takes only a few minutes to do, but can be entertaining for hours. It can be an activity you do on your own or even with a group of friends. There are many ways to make a paper airplane, and the instructions below show just one of those ways. Follow the steps carefully to fold your own simple, fun, quality paper airplane!

## Materials Needed:

Standard size (8.5x11) piece of paper  
Ruler  
Pencil

## Warnings:

Be aware of sharp edges and paper cuts.

## Steps:

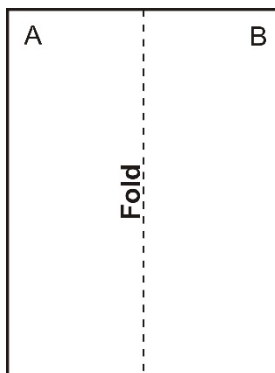


Figure 1

1. Get a standard size piece of paper. Standard size paper is generally 8.5 x 11 inches. Printer paper or notebook paper works well.
2. Lay the paper on a flat surface with corners “A” and “B” at the top (see Figure 1).



Figure 2

3. Fold the paper in half, “A” to “B,” hot dog style (lengthwise) (see Figures 1 and 2).

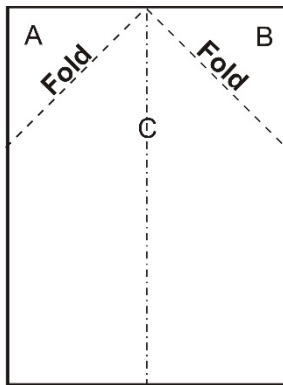


Figure 3

4. Unfold the paper and lay it open and flat again (see Figure 3).
5. Fold the upper left and right corners, “A” and “B,” towards the center line, “C,” a 45 degree angle (see Figures 3 and 4).

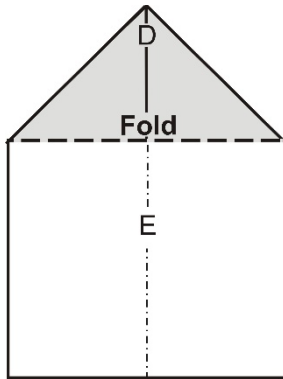


Figure 4

6. Fold the top point, “D,” down to center line, “E,” along the bottom edge of the two opposing triangles (see Figures 4 and 5).

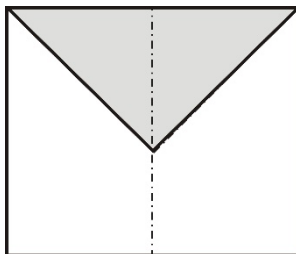


Figure 5

Note: The paper should look like this after you finish step 6 (see Figure 5).

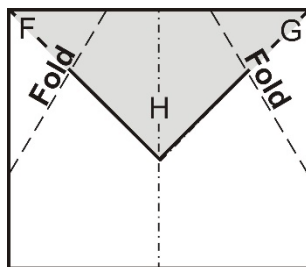


Figure 6

7. Fold the upper left and right corners, “F” and “G,” to the center line, “H” (see Figures 6 and 7).

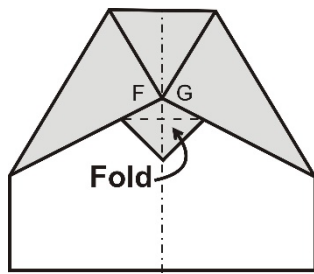


Figure 7

8. Fold the little triangular flap over the two big “F” and “G” flaps (see Figures 7 and 8).

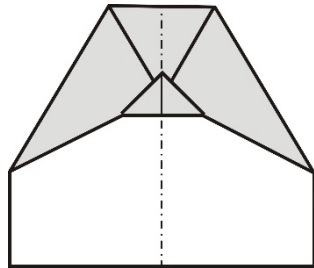


Figure 8

Note: This is what the paper will look like after you finish step 8 (see Figure 8).

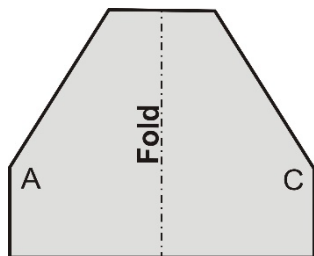


Figure 9

9. Turn the paper over (see Figure 9).

10. Fold the paper in half along the center crease so that corner “C” covers corner “A” (see Figures 9 and 10).

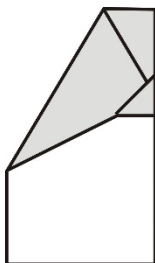


Figure 10

Note: This is what the paper will look like after you finish step 10 (see Figure 10).

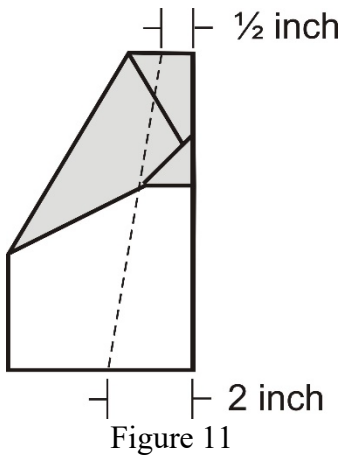


Figure 11

Note: You will now fold the wings.

11. Using a ruler, mark the nose  $\frac{1}{2}$  inch from the right edge (see Figure 11).
12. Using a ruler, mark the tail 2 inches from the right edge (see Figure 11).
13. Draw a line connecting the two marks (see Figure 11). Note: This will be the fold line for the wing.

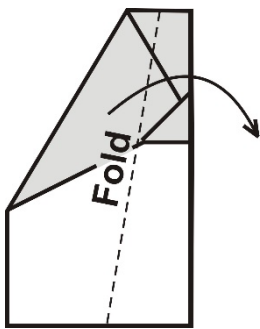


Figure 12

14. Fold along the line you have drawn (see Figures 11 and 12).

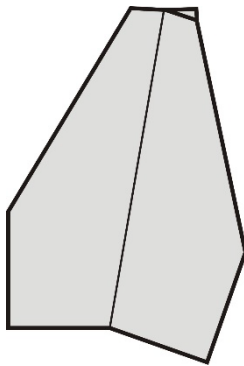


Figure 13

Note: This is what the paper will look like after you finish step 14 (see Figure 13). You are looking at the top side of the airplane.

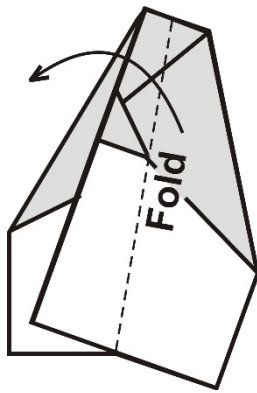


Figure 14

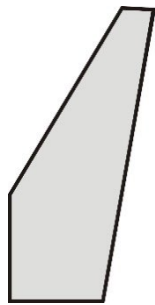


Figure 15

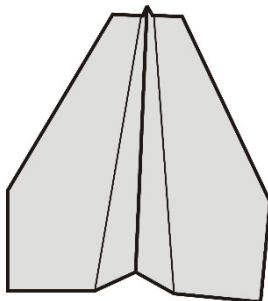


Figure 16

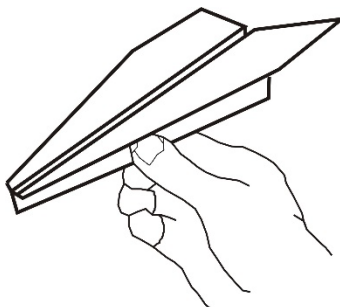



Figure 17

15. Turn the paper over (see Figure 14).
  16. Using a ruler, mark the nose  $\frac{1}{2}$  inch from the left edge (as done in step 11).
  17. Using a ruler, mark the tail 2 inches from the left edge (as done in step 12).
  18. Draw a line connecting the two marks (see Figure 14). Note: This will be the fold line for the other wing.
  19. Fold along the line you have drawn (see Figures 14 and 15).
- Note: This is what the paper will look like after you finish step 19 (see Figure 15).

20. Allow the wings to open (see Figure 16). You may need to help them open.
- Note: You are looking at the top of the airplane.

21. Hold the bottom center of the airplane, and toss into the air. Have fun!
- Have a contest with your friends to see whose plane will fly the farthest.

**⚠ Warning** – Aim away from any persons before launching; injury may occur.

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