



Tutorial Book

Origami

Together with AR APP for Origami Lovers

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Introduction

This is a tutorial book to use with mobile AR app. We want to help paper crafts lovers to create their work by freeing their hands.



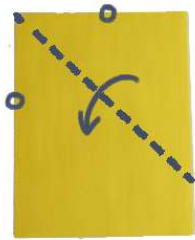
Suzanne Paper Plane

Difficulty: ★★★★★☆

Interest level: ★★★★★☆

It takes about ten minutes to complete.

John Collins design, Suzanne, broke the Guinness World Record for distance in 2012. Here is the instruction about how to fold the world record paper airplane.



1. Diagonal Fold

A4 Paper. Start with the short side on top. The crease starts at the upper left corner and puts the upper right corner against the left edge. Make the crease. Unfold.



2. Diagonal Fold

It's the same move for the left side: align the short side on top to the right side and let the crease hit the upper right corner. Unfold.



3. Valley Fold

Line up the left edge with its closest crease and make a valley fold.



4. Valley Fold

It's the same move for the right side.



5. Top Edge

Move the top edge down at the point where the layers cross.



6. Valley Folds

Fold the creased edges along the raw edges and make valley folds through the midpoint of top edge.



Here is some tips for you:

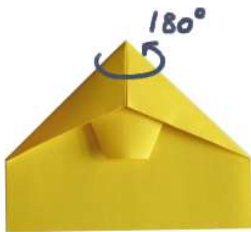
Step 4. It would be better to leave a little bit of space about 1~2 mm between the edge and the crease.

Step 5. Note that those layers need to be flat and they need to have exactly the same configuration.

Here is a website may offer some help:
<https://makezine.com/projects/worlds-best-paper-airplane/>

Step 8. If you want the plane to fly a farther distance, remember to flatten this crease on the bottom of the plane and make sure that's nice and flat.

Step 9. Here we want the wings to match just perfectly, because fractions of a millimeter count at the tail of the plane.



7. Flip the Paper

Turn the paper upside down.



8. Fold in half

Fold the plane in half along the central axis. Careful, that's a mountain fold there.



9. Valley Fold

Fold the top edge of the wing over. The crease starts about 10mm from the lower left corner and puts the corner of the center crease against the raw edge.



10. Valley Fold

Now spread those wings, especially flex up the middle of the wings, and get ready to fly.



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