An interesting modification to an old classic. May be a little bit of a challenge going from one weight of paper to another but should be consistent once the right dimension is found for each paper weight.

Note: Red lines are for folds, blue lines indicate existing creases, and green lines represent hidden edges.


Step 1
Fold paper in half short ways and crease. Unfold.


## Step 2

Fold top corners down to meet at center.

## Paper Airplane Flying Instructions

Make sure wings are level (or slightly up) and fins are straight up. Throw level at a "medium" or a "high" speed. Trim per general instructions. It may do better if nose and leading edges of wings are taped together.


## Step 3

Fold top point along Edge 1 at $31 / 4 "$ as shown. Crease and unfold. Repeat for opposite side.

(0.7")*

## Step 4

Fold top flap down through Point 1 . Verify 0.7 " dimension is approximately met. NOTE: Different types or weights of paper require adjustment of the $31 / 4 "$ dimension in Step 3 . Try $31 / 8^{\prime \prime}$ fold in Step 3 or try folding Step 4 first with an over hang of .5 " instead of 7 " and then folding Step 3 folds through the intersection of this line and the centerline. Once the best dimension is found for your paper this plane should be a nice flier.


Line 1


Point 4
Edge 2b


Step 8
Fold Point 4 straight up on Line 1 . This will bring edges $2 a, 2 b, 3 a$, and $3 b$ all to the centerline as shown. Flatten all creases well.


Step 9
Fold plane in half as shown.

Step 10

Fold fin down 1 1/16" from outer edge.
Fold wing down $7 / 8^{\prime \prime}$ from centerline.
Turn plane over and repeat for other side.
Flatten all folds well.


Have fun
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