

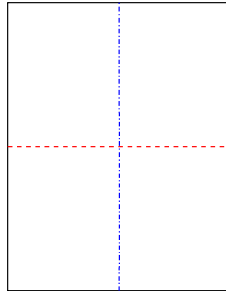
WAR HAWK

The original version of the War Hawk (War Hawk I) was designed by my son, Jordan Morgan. It is a nice acrobatic plane that works good on most paper. If you don't get good results with a particular paper try the War Hawk II version.

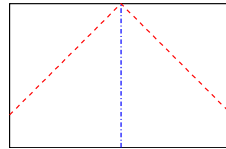
Note: Red lines are for folds, blue lines indicate existing creases, and green lines represent hidden edges.



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

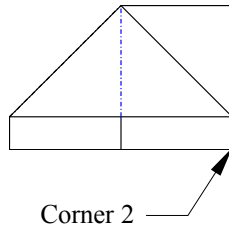
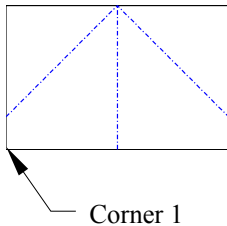


Step 2
Fold paper in half vertically as shown. Crease and unfold.

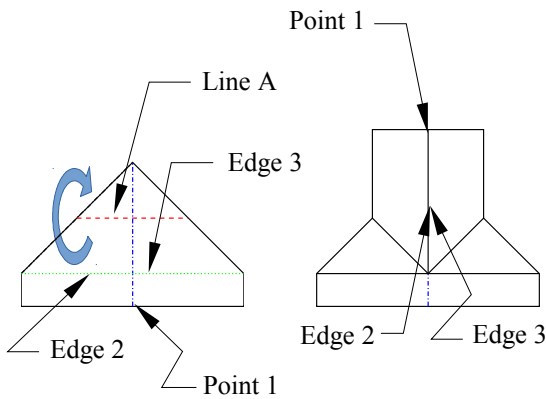


Step 3
Fold top corners down to meet at center. Crease and unfold.

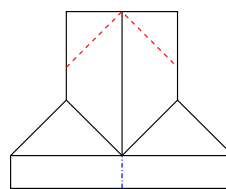
Paper Airplane Flying Instructions
Make sure wings are level (or slightly up) and fins are straight up. Throw level at a "medium" or a "high" speed. Trim per general instructions. It may do better if nose and leading edges of wings are taped together.



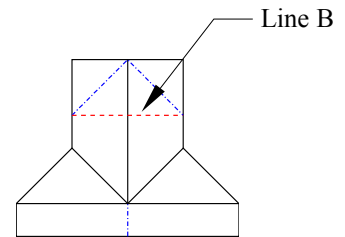
Step 4
Grab Corner 1 and fold along centerline. This will stretch out the top left corner. Flatten well and grab both halves at Corner 2. Fold back towards left side along centerline. Flatten well and return upper flap to the right.



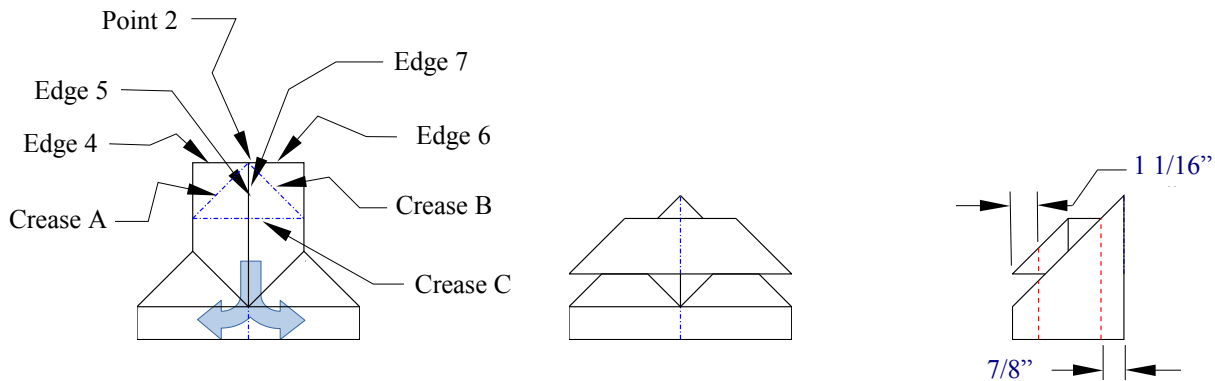
Step 5
Pick up at Point 1 and fold along Line A. This will stretch Edges 2 & 3 (hidden under flap) to meet at centerline. Flatten well.



Step 6
Fold top corners down to center. Crease and unfold.



Step 7
Fold top down along Line B. Crease and unfold.



Step 8

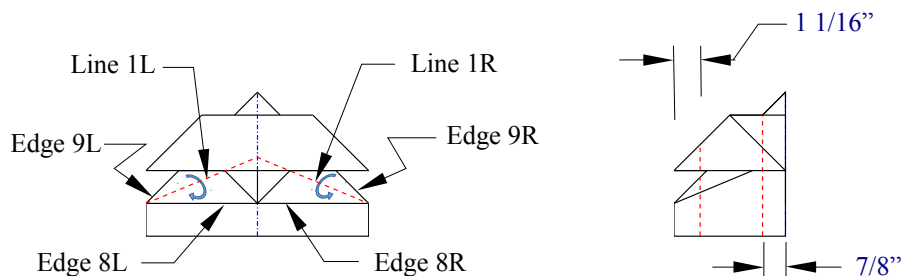
At Point 2 grab the left free corner and squeeze Edges 4 & 5 together along Crease A. At the same time grab the right free corner at Point 2 and squeeze Edges 6 & 7 together along Crease B. Start pulling these corners down and out continuing to fold the edges together and allowing the whole flap to fold on Crease C. Flatten all creases well.

Step 9

Fold plane in half as shown. Fold fins down 1 1/16" from edge as shown. Fold wings over 7/8" from centerline. This completes the War Hawk I design.

If this plane flies with too much nose up tendency, that can not be trimmed out per normal trim instructions, then the following modification may help. Note: This would normally result due to change in texture of some paper.

After Step 8 of above instructions is complete:

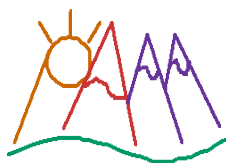


Step 9

Fold Edge 8L backward to the inside of plane to line up with Edge 9L along Line 1L. Repeat for Edge 8R to Edge 9R along Line 1R. Flatten all creases well.

Step 10

Turn plane over. Fold plane in half as shown. Fold fins down 1 1/16" from edge as shown. Fold wings over 7/8" from centerline. This completes the War Hawk II design.



Have Fun
Pat Morgan
patsplanes.com

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