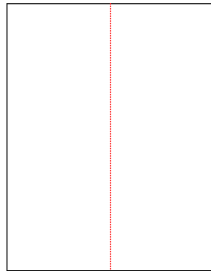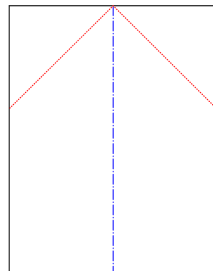# LUNAR HAWK

This plane has a unique look. I saw something similar to it on the net, but that one did not fly well. I spent some time trying different measurements and was finally able to come up with a working plane that kept the unique look. It requires a paper that will stretch without tearing. I have found several types of 24 lb. ink jet paper that do work well.
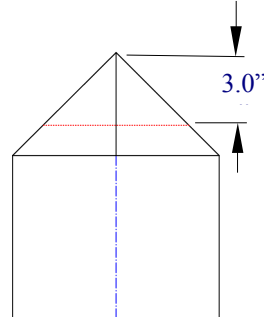
Note: Red lines are for folds, blue lines indicate existing creases, and green lines represent hidden edges.
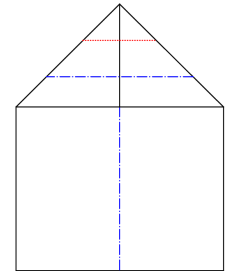
Step 1

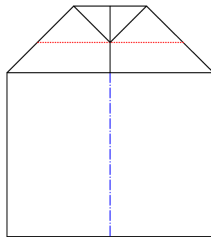Fold paper in half long ways and crease. Unfold.
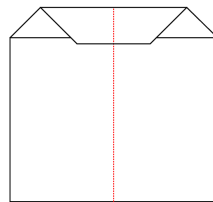
Step 2

Fold top corners down to meet at center.

Step 3

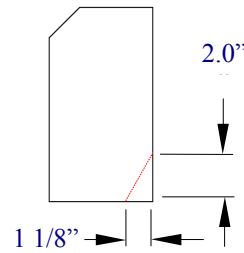Fold top corner down 3.0" as shown. Crease and unfold

Step 4

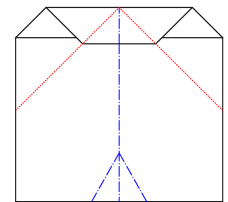Fold top corner down to meet crease just made as shown.

Step 5

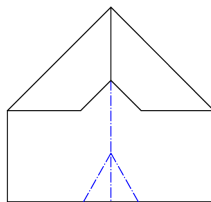Refold top edge along existing crease.

Step 6

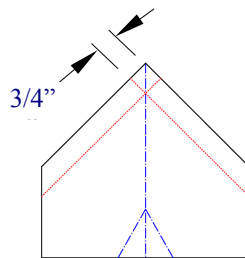Flatten well and fold along centerline.

Step 7

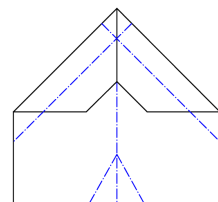Fold tail section at dimensions shown both toward front and back.

Step 8

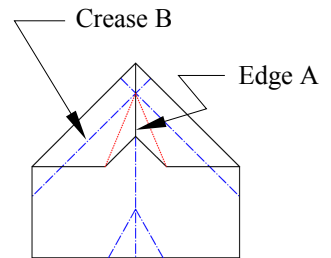Unfold steps 7 and 6. Fold top corners down to meet centerline.

Step 9

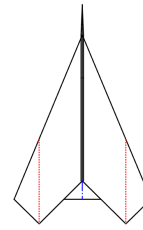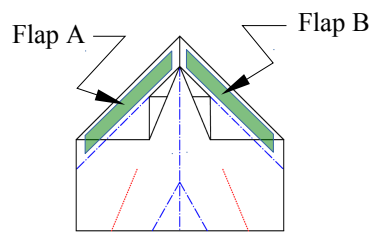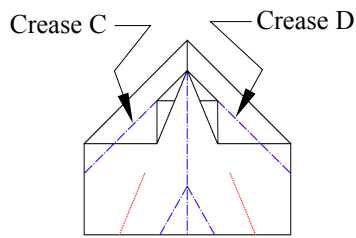View after step 8. Flip plane over from left to right.

Step 10

Fold both edges over ¾" as shown. Crease and unfold.

Step 11

Flip plane back over left to right.

Step 12

Fold Edge A to meet Crease B. Flatten well. Repeat right side.
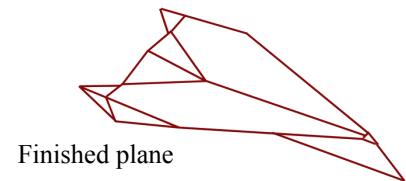
Crease C — Crease D   Flap A — Flap B

Step 13

As best as possible Crease C to centerline. Only the bottom portion will align to center. Lightly crease lower part of fold as shown with red dotted line. Unfold and repeat with Crease D.

Step 14

Grab and raise Flaps A and B to meet each other. Holding both flaps together gently push down towards centerline of plane. This should squash the plane into the shape shown to right. Carefully flatten all creases. Tape body flaps together.
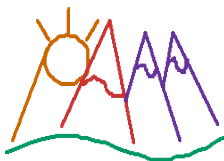
Step 15

Fold flaps as shown. Note: plane is shown upside down and flaps will point down on completed plane.

Finished plane

Paper Airplane Flying Instructions

Make sure wings are slightly up and fins are straight down. Throw level at a "high" speed. Trim by adjusting how much up angle (dihedral angle) the wings have. This will adjust the tail to give a straight flight. If problems continue, adjust tail size. This plane should be able to make a long straight flight.

Have Fun
Pat Morgan
patsplanes.com

The cool paper airplane site!