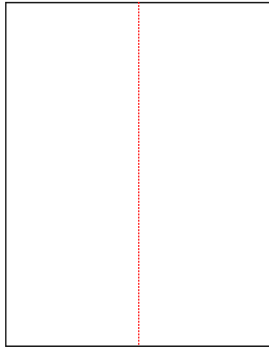
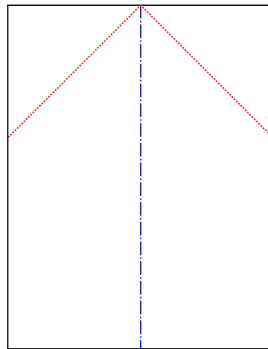


LUNAR HAWK

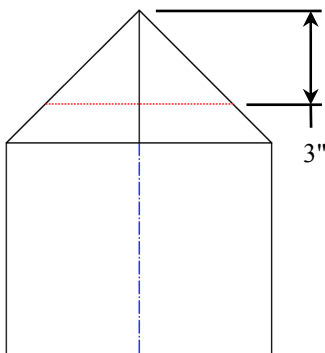
Note: Red lines are for folds, blue lines indicate existing creases, and green lines represent hidden edges.



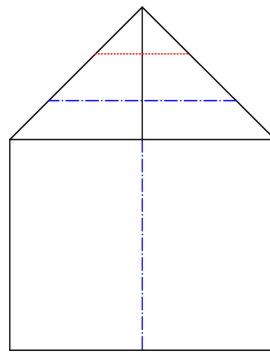
Step 1
Fold paper in half long ways and crease. Unfold.



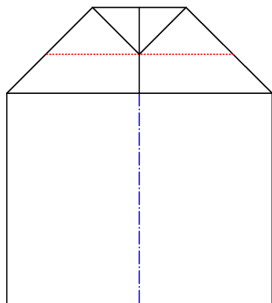
Step 2
Fold top corners down to meet at center.



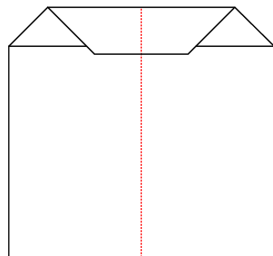
Step 3
Fold top corner down 3.0" as shown. Crease and unfold



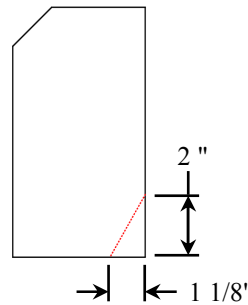
Step 4
Fold top corner down to meet crease just made as shown.



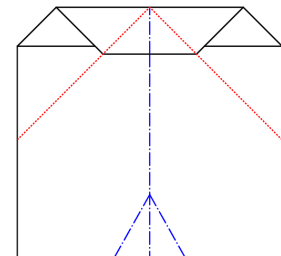
Step 5
Refold top edge along existing crease.



Step 6
Flatten well and fold along centerline.



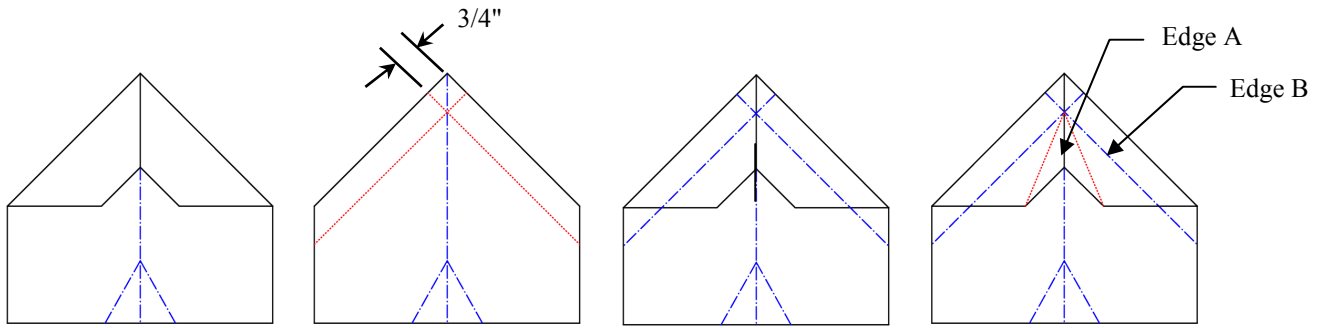
Step 7
Fold tail section at dimensions shown both toward front and back.



Step 8
Unfold steps 7 and 6. Fold top corners down to meet centerline.

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. This plane is one of the more difficult to fold and requires a paper that will stretch without tearing. I have found several types of 24 lb. ink jet paper that do work well. You may waste a few pieces getting this one right. As fast as it likes to fly it may be a good choice for gluing up and shooting with rubber band shooter.



Step 9

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

Step 10

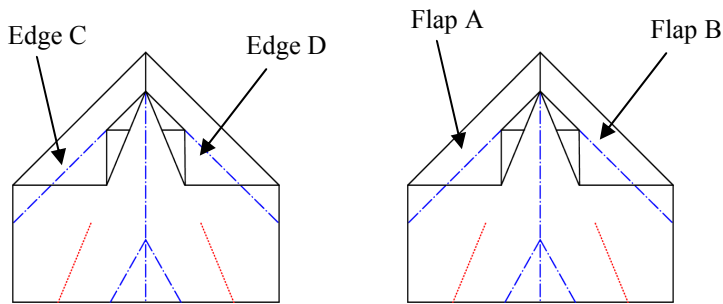
Fold both edges
over $\frac{3}{4}$ " as shown.
Crease and unfold.

Step 11

Flip plane back
over left to right.

Step 12

Fold edge A to meet
edge B. Flatten well.
Repeat for left side.



Step 13

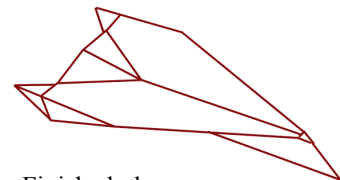
As best as possible fold
edge C to centerline. Only
the bottom portion will
align to center. Lightly
crease lower part of fold
as shown with red dotted
line. Unfold and repeat
with edge D.

Step 14

Here is the hard part. Grab
and raise flaps A and B to
meet each other. Holding
both flap 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

Flight 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.