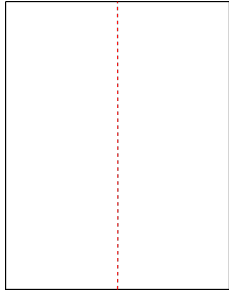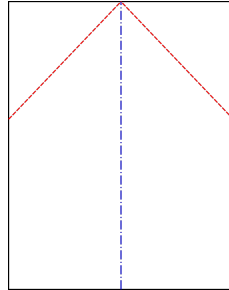# Vintage Acro

According to my Dad (born 1928) a plane similar to this was being folded by some American kids in the mid 1930's. He doesn't know if it was exactly this design because those who knew how to make it guarded the design. But based on his memory of the look and the easiest fix to get a correct CG this is most likely the design.

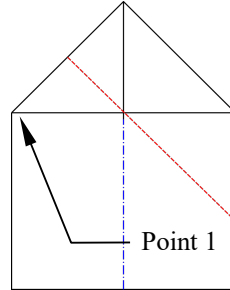Note: Red lines are for folds, blue lines indicate existing creases.

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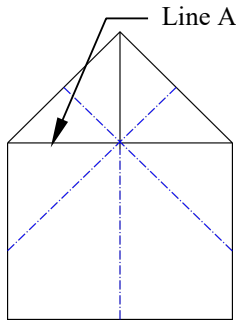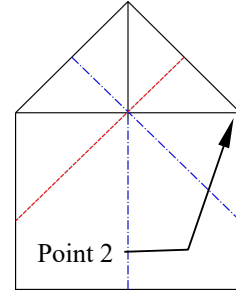
Fold paper in half long ways and crease. Unfold.

Step 2

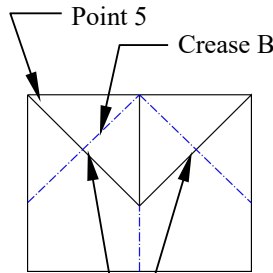Fold top corners down to meet at center. Unfold.

Step 3

Fold top point down to meet Point 1 as shown. Crease and unfold. Fold top point down to meet Point 2 as shown. Crease and unfold.
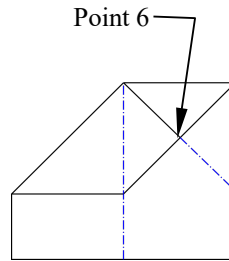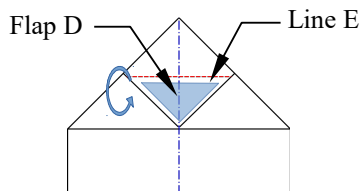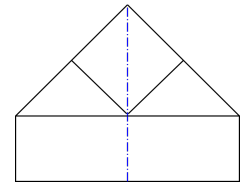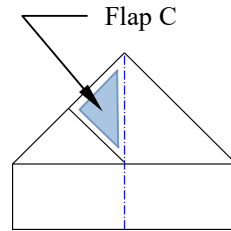
Step 4

Fold top flap down along Line A.

Step 5a
Point 3 and fold on centerline. This will stretch Point 4 to the centerline by folding on Crease B.

Step 5b

Repeat for right side grabbing Point 5 and folding along centerline. Return Flap C back to the right side. Flatten well.
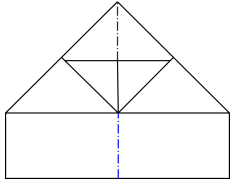
Step 6

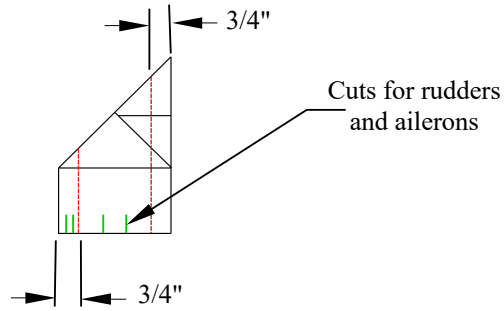Tuck Flap D inside by folding in at Line E. Flatten well.

Paper Airplane Flying Instructions

Make sure wings are level (or slightly up) and winglets are vertical. Throw level at a "medium" or "slow" speed. Trim per general instructions if required but the plane seems to do well "as folded" on a variety of paper. It may do better if nose is taped together. Stunt trimming can be done by cutting lines to make rudders and ailerons/elevators.
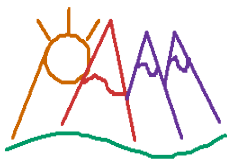
3/4"

Cuts for rudders
and ailerons

3/4"

Step 7

Fold plane in half.

Step 8

Fold winglets down 3/4" from
edge. Fold wings over 3/4"
from centerline. Winglets
may need to be pointing up to
make a stable plane.

Have Fun
Pat Morgan
patsplanes.com

The cool paper airplane site!