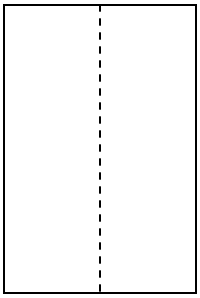
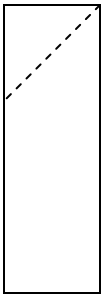
The NASA Concept Shuttle

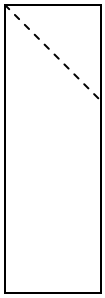
This is one of the easier models to make in this book, so you might want to start with this one. This plane flies best lightly to medium strength tossed, though you can throw it harder. This plane generates a lot of lift, so it flies best tossed downwards slightly at about the angle shown in the diagram below. The diagram also shows its flight pattern.



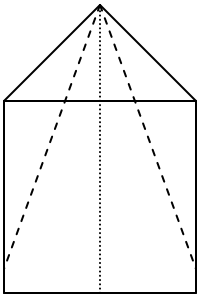
Fold the paper in half the long way.



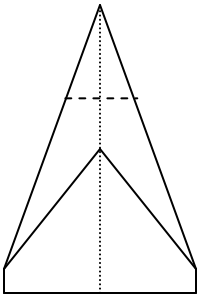
Fold the top layer down towards the fist fold in a right triangle as shown.



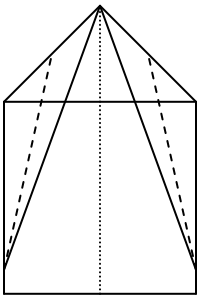
Flip the paper over and do the same thing. It should now look like a rectangle with the top right corner cut off. The top left corner should now be an acute angle and the top left corner should be an obtuse angle.



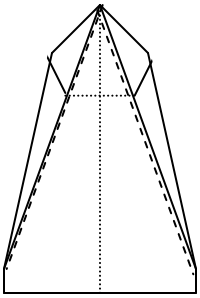
Unfold your first fold so that the two triangles you folded show and the center fold is a mountain fold. Then fold the two sides in so that the hypotenuses of the triangles touch the center fold.



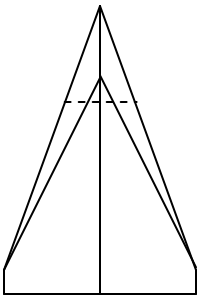
Fold the nose over so it touches the intersection of the two back edges of the reinforcements then unfold. Next, unfold step four.



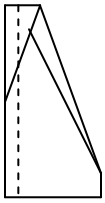
Fold the edge so that it touches the crease line made in step four.



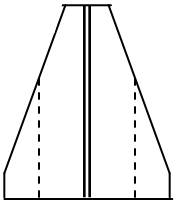
Fold the side in along the pre-made creases so that the two top sides touch each other and the center fold.



Fold the nose in on the pre-folded crease.



Fold the wing down halfway between the edge and the center reinforcement. Flip it over and do the same thing on the other side.



Flip so that the blank side of it faces up with the body below, and fold up to form winglets. Straighten the winglets and wings, and it is done.