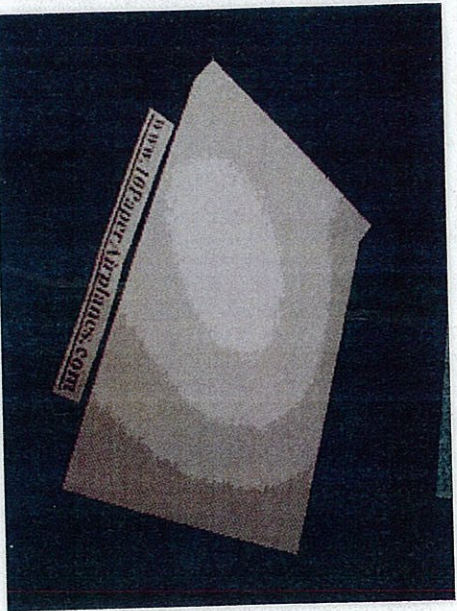
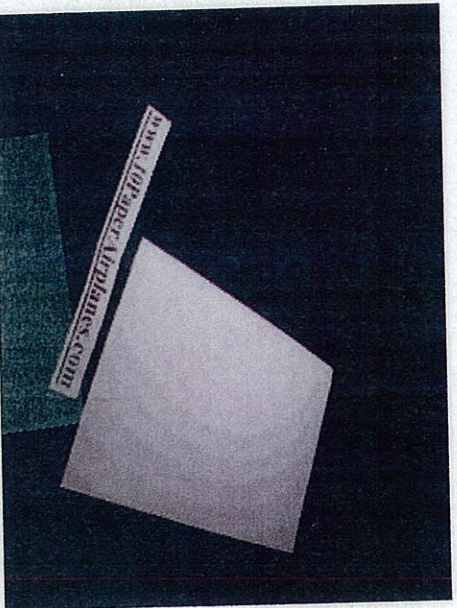


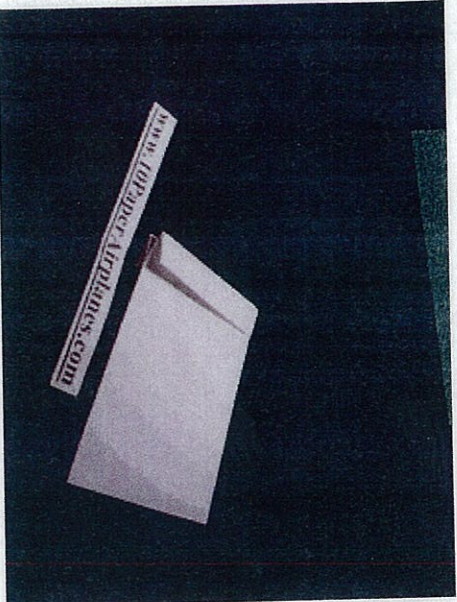
The Kite may not be the coolest looking paper airplane on the block, but those big ugly wings sure do the trick. The kite is capable of great distance and accuracy, but is very sensitive to changes to it's wings. To make this great paper airplane you will need only a single sheet of paper.



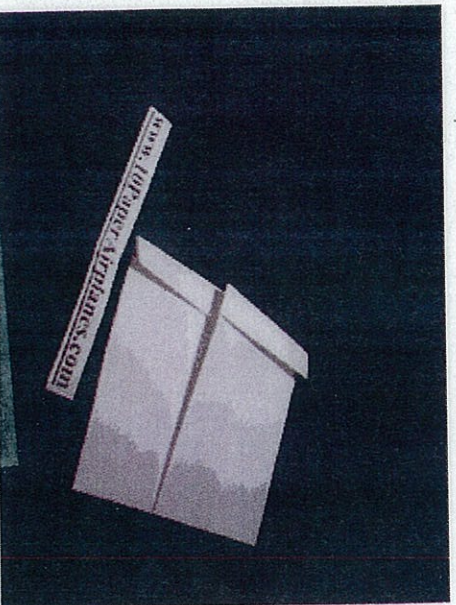
1. Beginning on one end of the paper, fold it down evenly about 1 inch. Repeat this step for a total of 8 folds. Keep your folds as tight and even as possible.



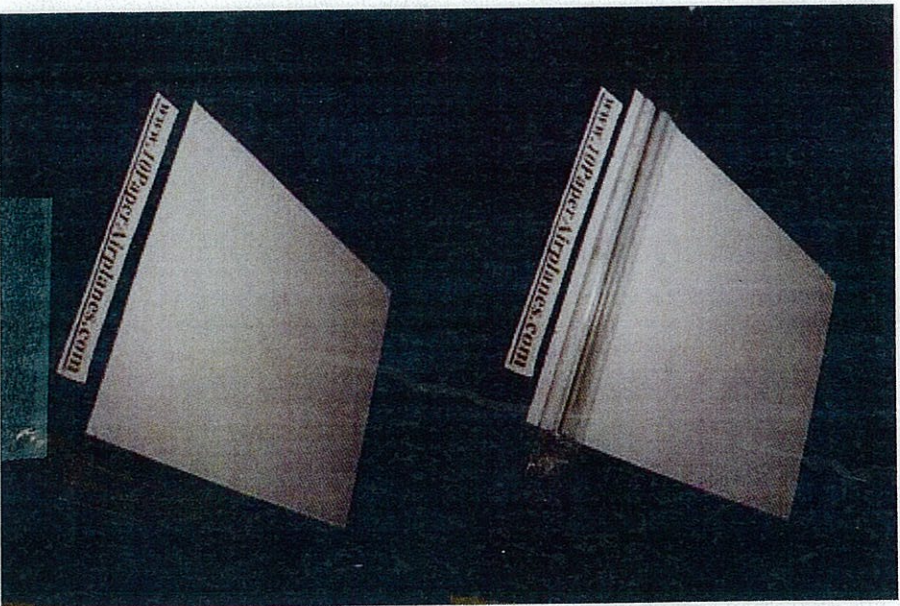
2. Flip the paper airplane over and fold it in half as shown. Good, tight folds on step 1 will make this easier, but a few crinkles won't hurt it.



3. Fold the first wing starting 1/2 to 1 inch from the center fold.



4. Fold the second wing exactly as you did the first.

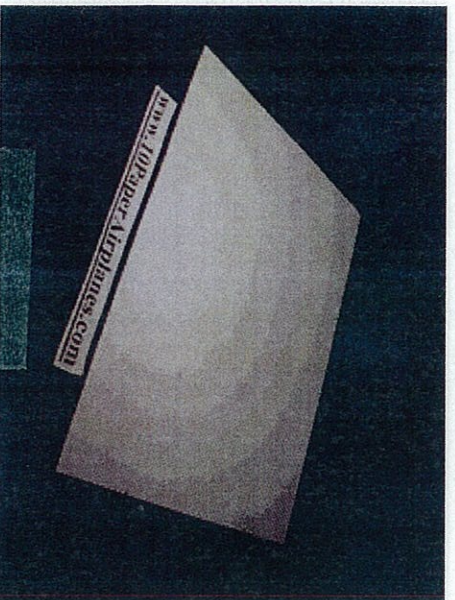
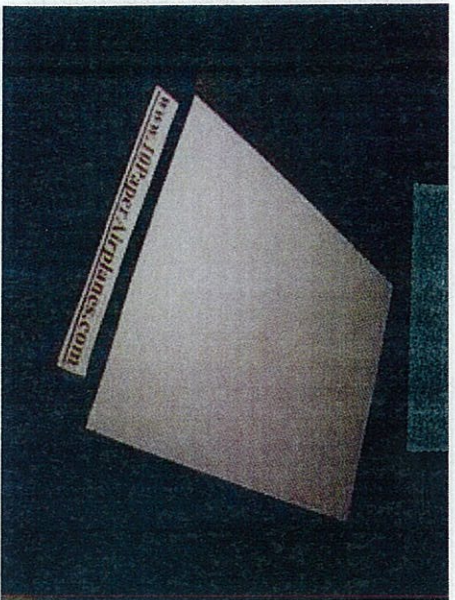


1. In this step we are going to mark where the first folds will be, once you make this plane once you should be able to eye it and will no longer need to measure.

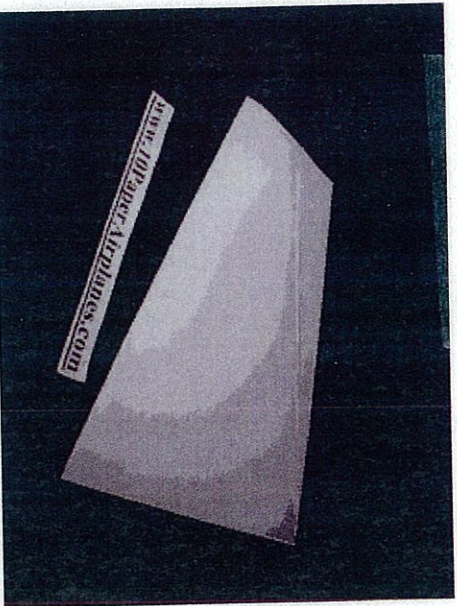
On one **END** of the paper make two marks, each one exactly 2 inches in from the corners. (Pic #1)

Then make two more marks on the **SIDES** of the paper, measuring from the opposite end 1/2 inch (Pic #2 and #3)

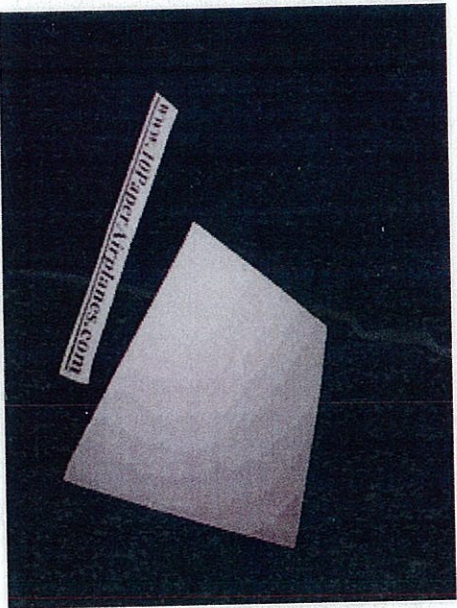
You may connect the points along each side with a pen or pencil if you like.



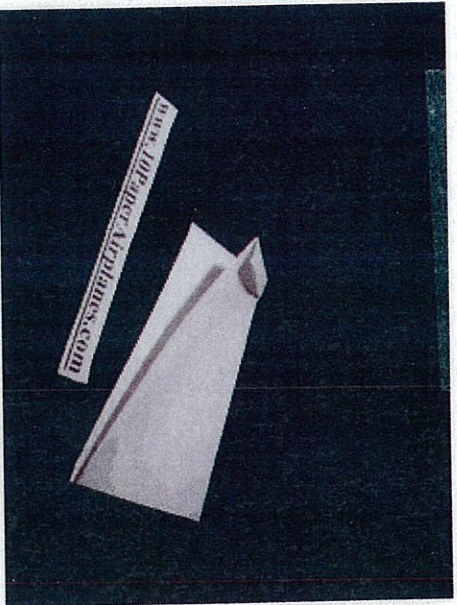
2. Make your first two folds long-ways, from the outside dot on one end to the outside dot on the other.



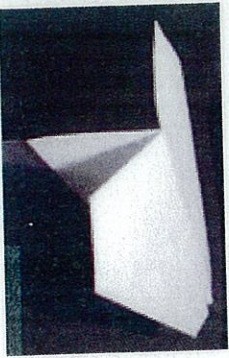
3. Beginning at the narrow end of the paper, fold it down evenly about 1/2 inch. Repeat this step for a total of 8 folds. Keep your folds as tight and even as possible.



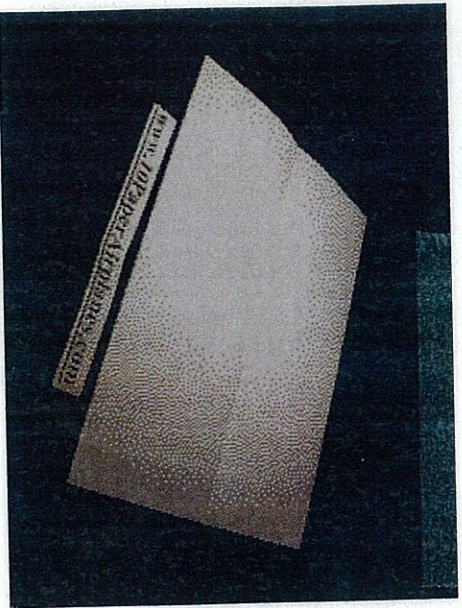
4. Flip the paper airplane over and fold it in half.



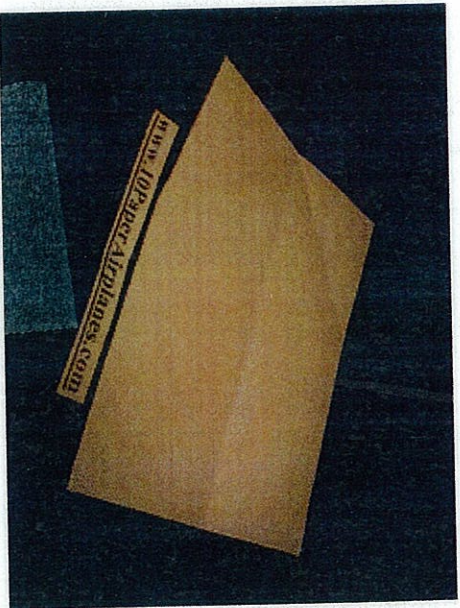
5. Fold down both wings parallel to the middle crease and about 1 inch away from it. Make sure both wings are even.



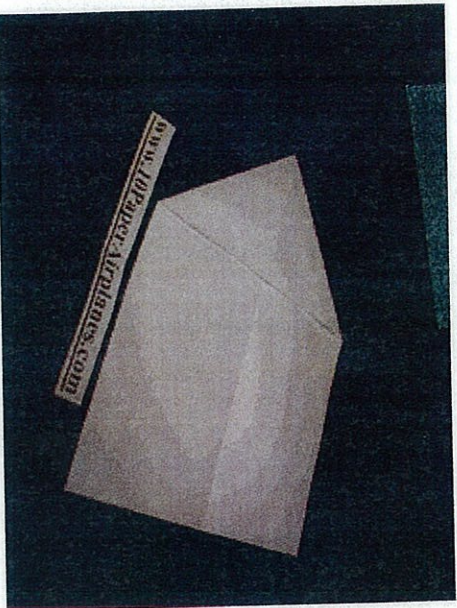
The Moth is a durable and easy to fold paper airplane that will deliver very consistent and precise flights. To make this paper airplane you will need only a single sheet of paper.



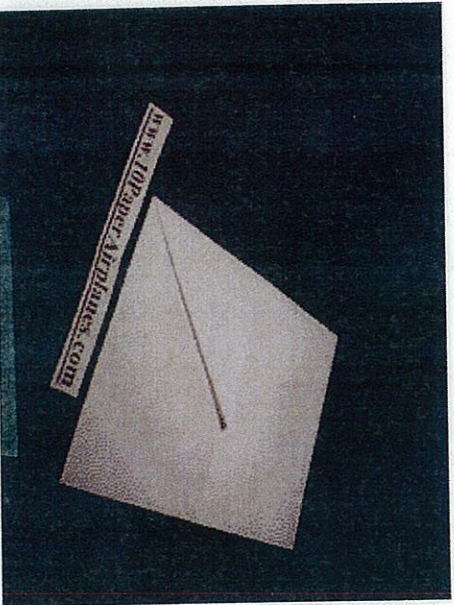
1. Fold a sheet of paper exactly in half long-ways, and re-open it so you have a crease separating the two halves.



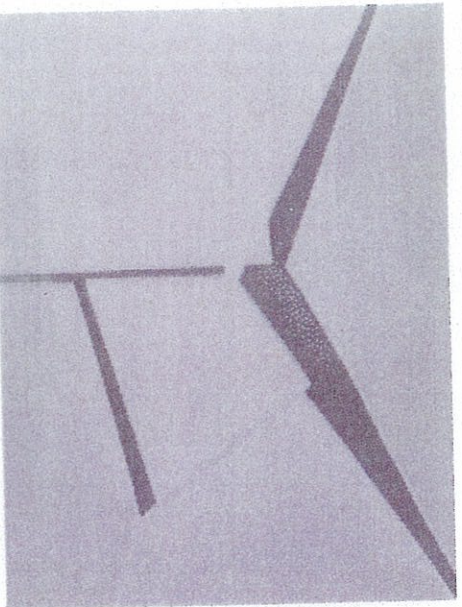
2. On one end on of the paper, fold each corner in towards the center to the point where the inside edges are even with the centerline crease.



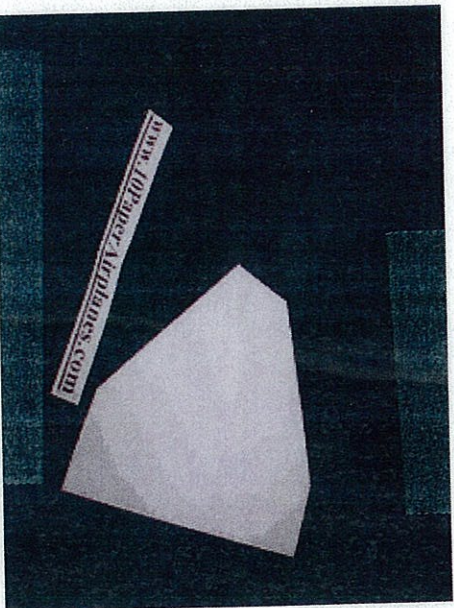
3. The bottom edge of the corners that you just folded down should create a straight line across the page. Fold down at this line.



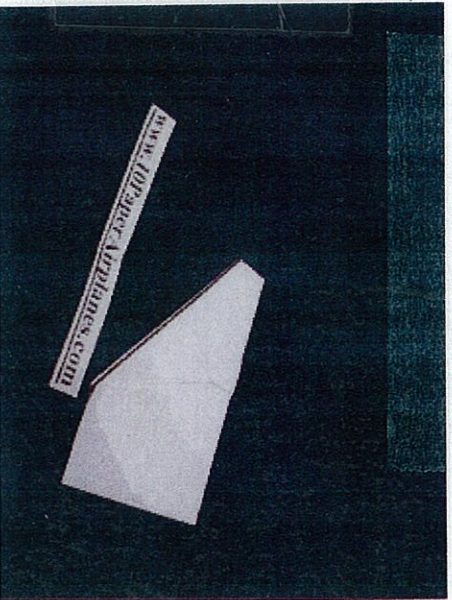
4. Fold the corners down again similar to what you did in step 2, but this time only the corners should meet in the middle - leave one to two inches of straight paper at the top.



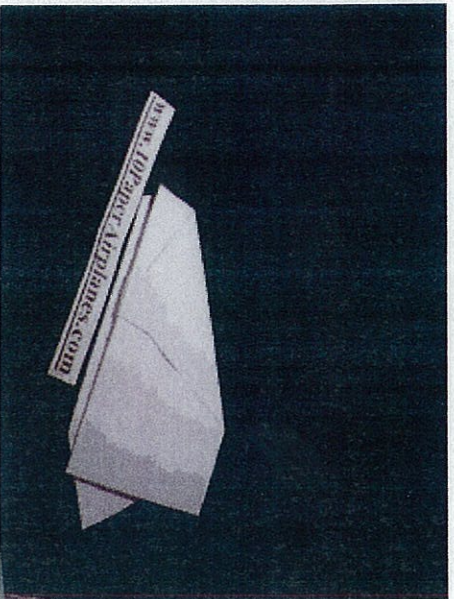
5. Where the corners of the last folds meet, you will see the point of fold 3 poking out of the bottom. Fold it up and over the two corners.



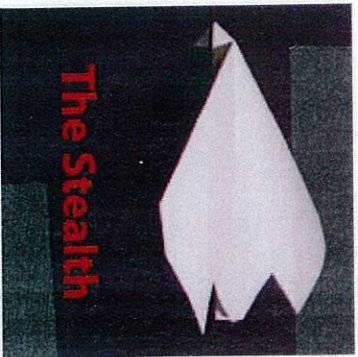
6. Turn the paper over onto the other side and fold it in half.



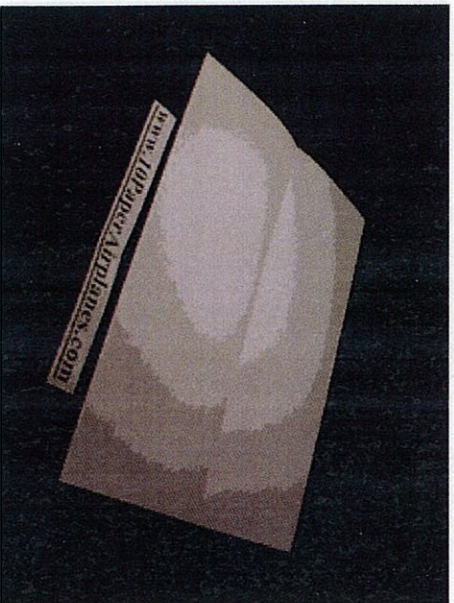
7. Fold the first wing so that the outside edge runs parallel to the body. Step 8 shows this more clearly.



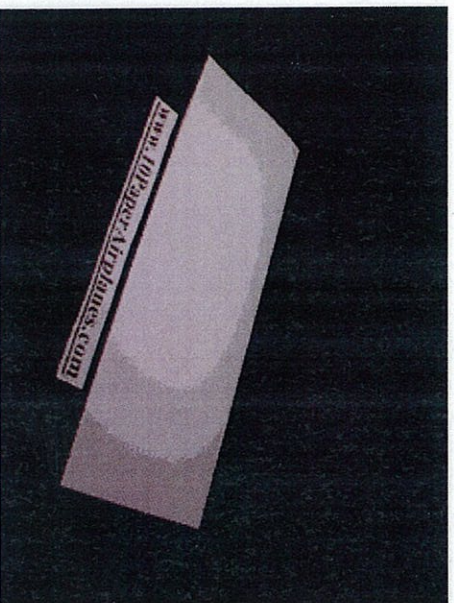
8. Fold the second wing exactly as you did the first.



The Stealth is a sweet little paper airplane. It doesn't travel too far but its fast and it can pull off some pretty cool stunts. To make this paper airplane you will need only a single sheet of paper, a ruler, and a pair of scissors.

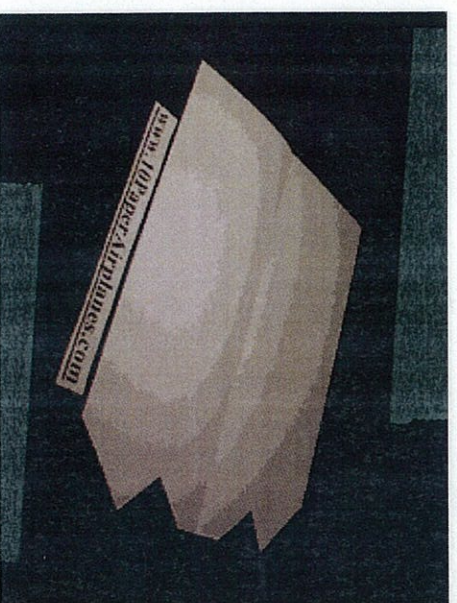


1. Fold your paper in half long-ways.

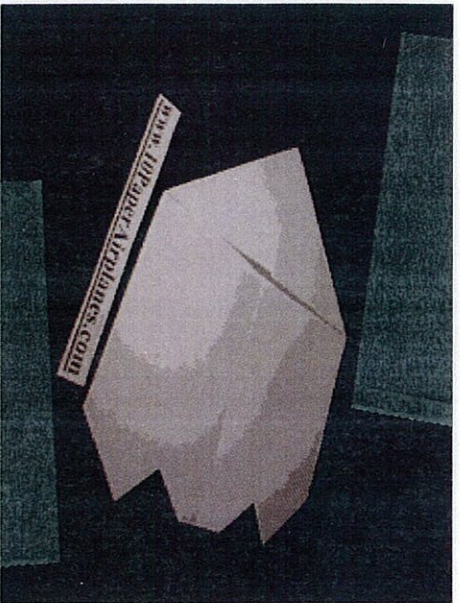


2. Starting from an outside corner, measure and mark:
1 & 1/2 inches along the side
1 & 1/2 inches along the end
3 & 1/2 inches along the end.

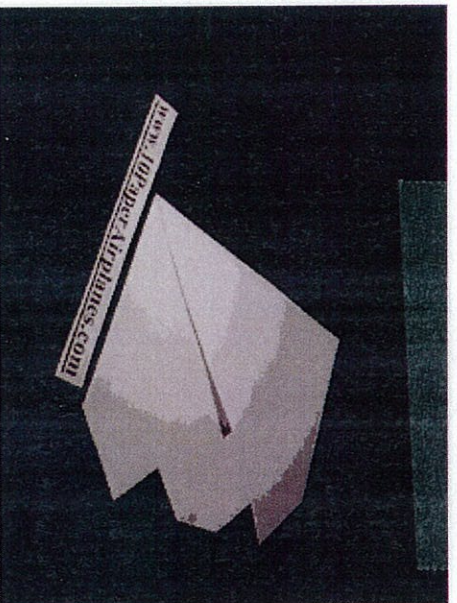
Then between the 1 & 1/2 inch mark and the 3 & 1/2 inch mark, make another mark about 1 inch up, connect the dots, and cut along the lines.
See the picture to the left for clarification. This pattern can be customized too, don't feel locked in!



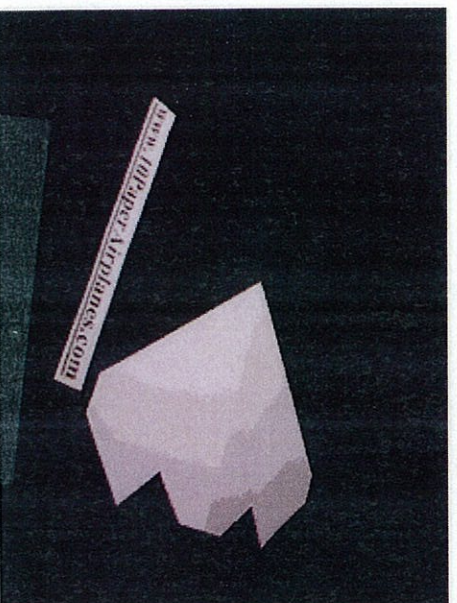
3. Open the paper airplane up put it down as shown. Fold each corner in towards the center to the point where the inside edges are even with the centerline crease.



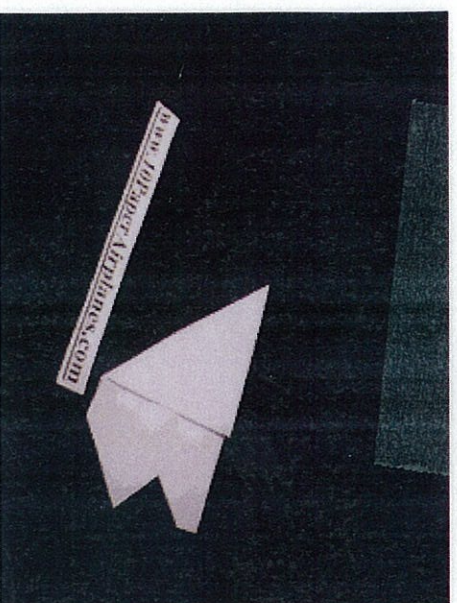
4. The bottom edge of the corners that you just folded down should create a straight line across the page. Fold down at this line.



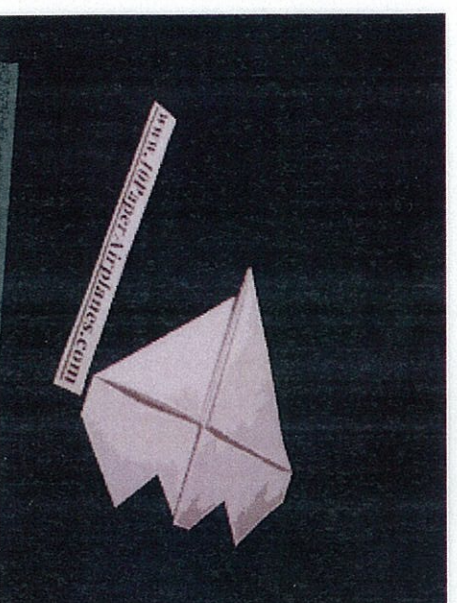
5. Fold the corners down again similar to what you did in step 3, folding each corner in towards the center to the point where the inside edges are even with the centerline crease.



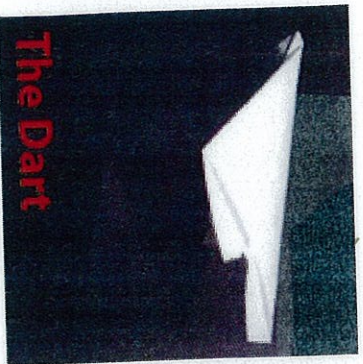
6. Flip the plane over and fold it in half.



7. Fold the first wing so that the outside edge runs parallel to the body. Make the fold about 1/2 inch in from the center. Step 8 shows this more clearly.



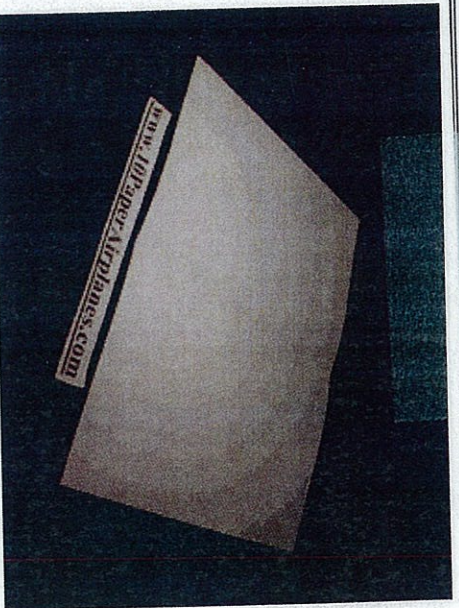
8. Fold the other wing exactly as you did the first.



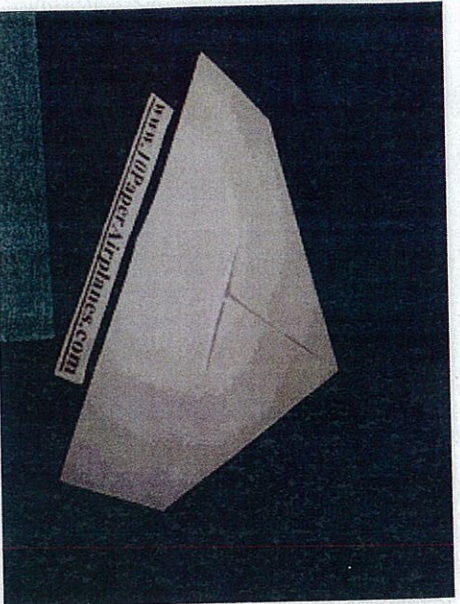
The Dart is pretty much the same as the Arrow, except the paper is folded along its width, making a shorter plane with the wings pointed in the rear. This plane is well suited to stunts and will not fly very far. To make this paper airplane you will need only a single sheet of paper and possibly some tape.



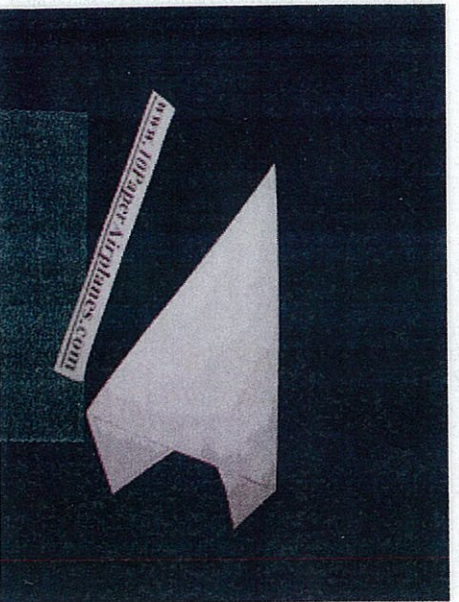
1. Fold the paper along the width then unfold it to create a crease along its center.



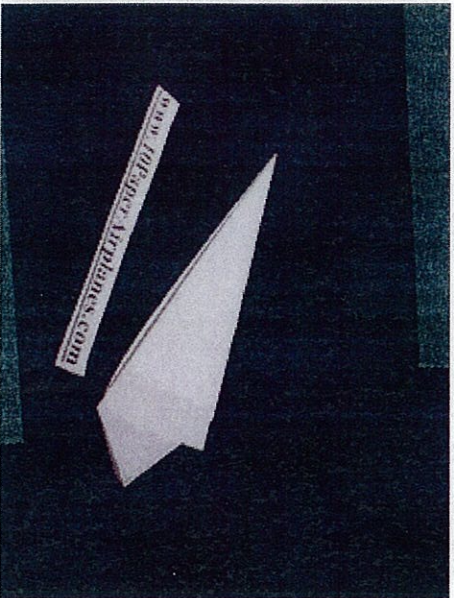
2. On one side of the paper, fold each corner in towards the center to the point where the inside edges are even with the centerline crease.



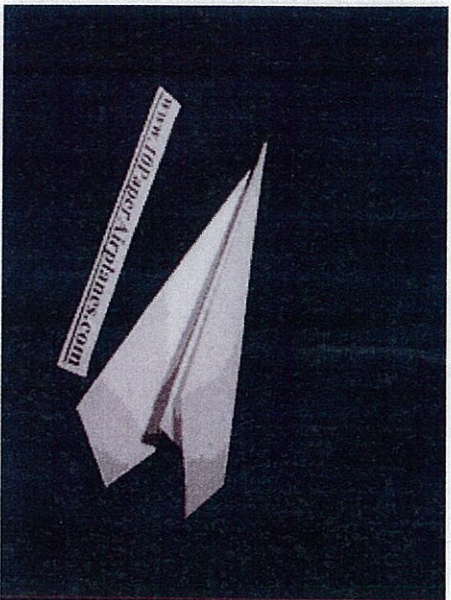
3. Starting at the very tip of the point, fold the paper over on each side so the inside edges line up with the center crease.



4. Turn the paper airplane over and fold it in half along the centerline.



5. Fold the first wing with the line of the fold running nearly parallel to the centerline of the plane. Make this fold from 1/2 to 1 inch from the center. Step 6 shows this fold more clearly.



6. Fold the second wing exactly as you did the first.

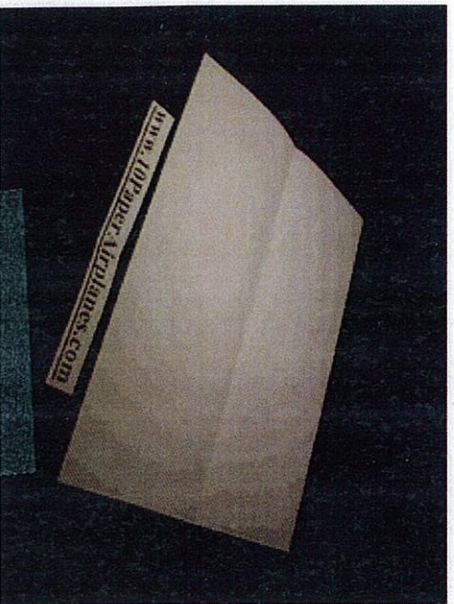
After you have made this plane you may find that it doesn't hold together too well in the rear. Use a small piece of tape along the center fold in the rear to keep it tight. This can be avoided by using smaller pieces of paper.



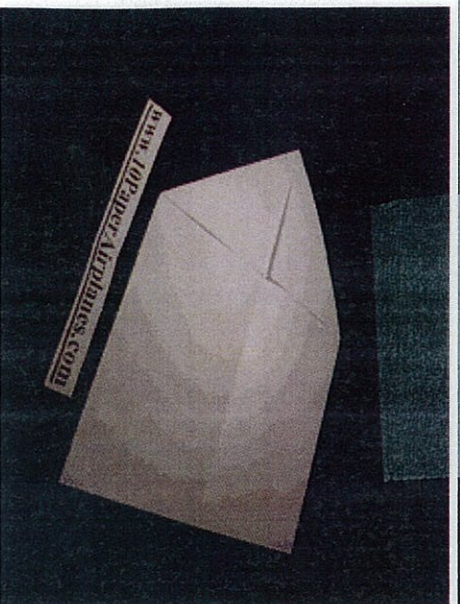
If you have made a paper airplane before, chances are it was the Arrow. This was the first and easiest plane I have ever made and it flies really well too. To make this paper airplane you will need only a single sheet of paper.



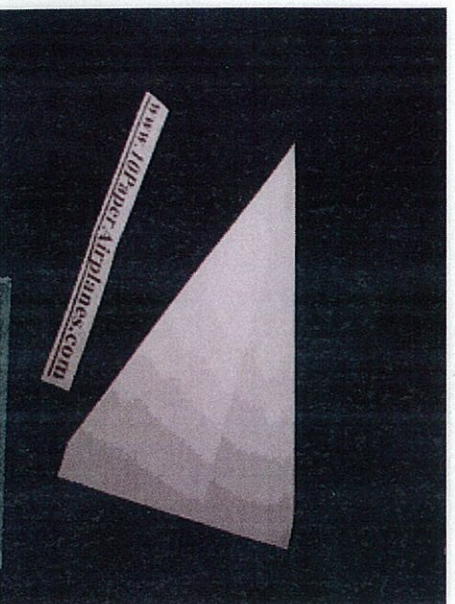
1. Fold a sheet of paper exactly in half long-ways, and re-open it so you have a crease separating the two halves.



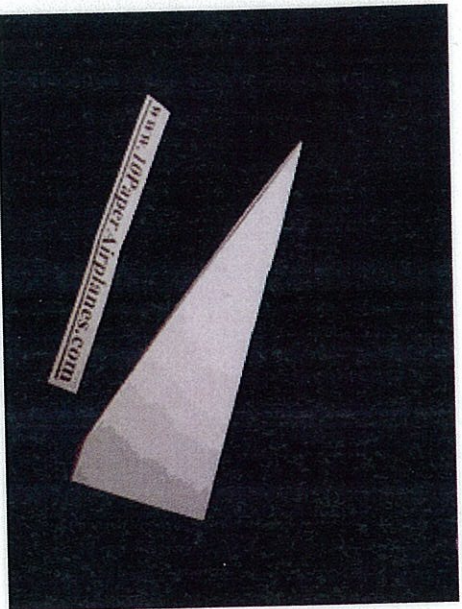
2. On one end of the paper, fold each corner in towards the center to the point where the inside edges are even with the centerline crease.



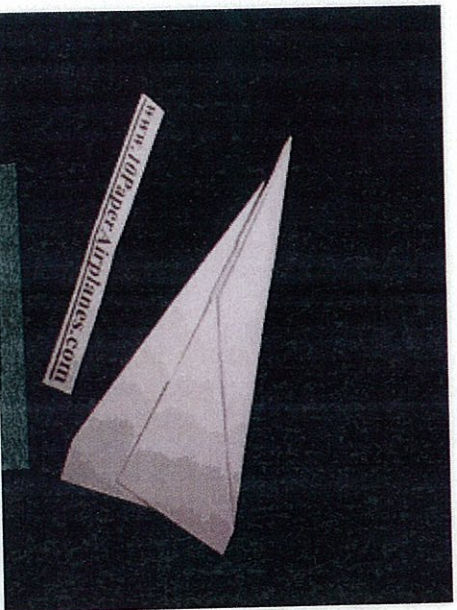
3. Starting at the very tip of the point, fold the paper down on each side so the inside edges line up with the center crease.



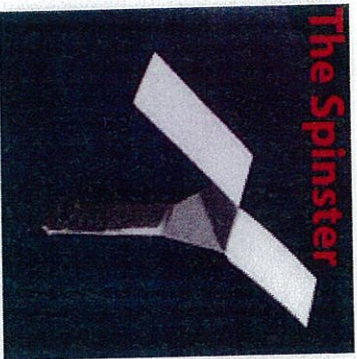
4. Turn the paper airplane over and fold it in half along the centerline.



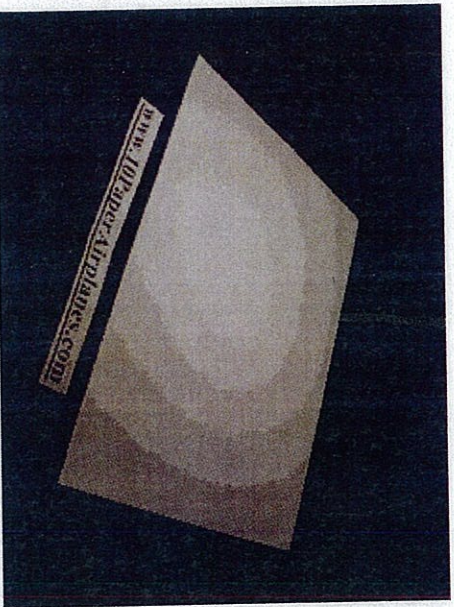
5. Fold the first wing with the line of the fold running nearly parallel to the centerline of the plane. Make this fold from 1/2 to 1 inch from the center. Step 6 shows this fold more clearly.



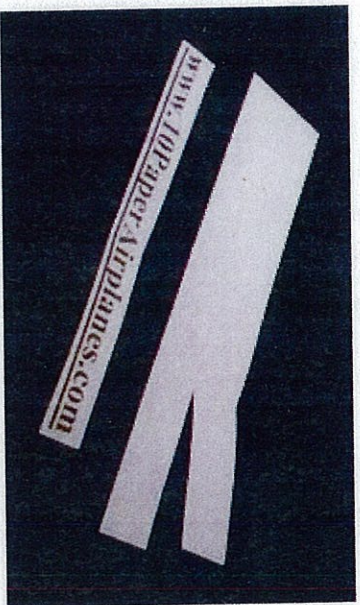
6. Fold the second wing exactly as you did the first.



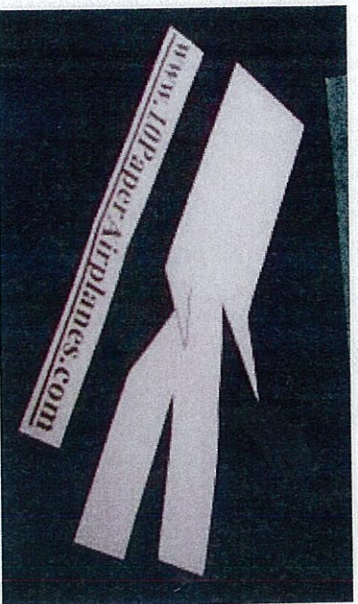
The Spinster is really an auto-gyro. It is thrown high into the air, and as it falls the air rushing past it's 'wings' in opposite directions causes it to rapidly spin, slowing it's decent. To make this paper airplane you will need a single sheet of paper, a ruler, some tape and a pair of scissors.



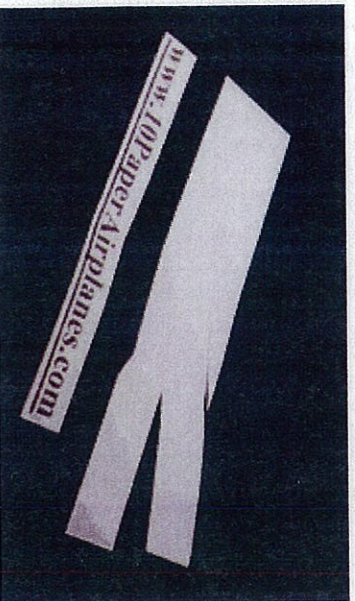
1. Using a ruler, mark a piece of paper every two inches, and then cut it making 5 two-inch strips and 1 one-inch strip. You will need 1 two-inch strip for each Spinster.



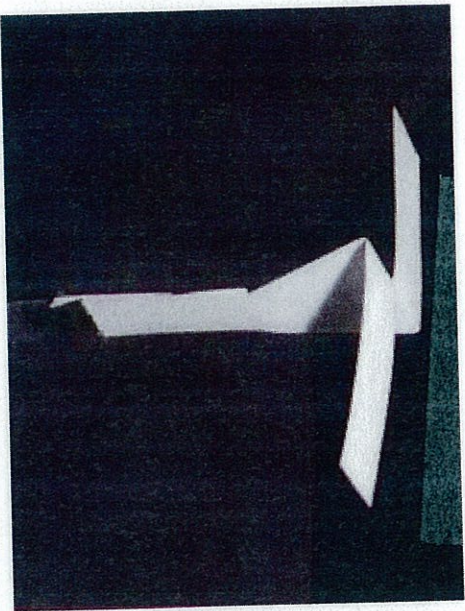
2. Using the scissors, cut a 2&1/2 inch strip down the center of one end. These will be the wings.



3. Cut small slits down each side, beginning where the first cut stops, and moving inward 1/2 inch on either side. This will be the taper down to the body.



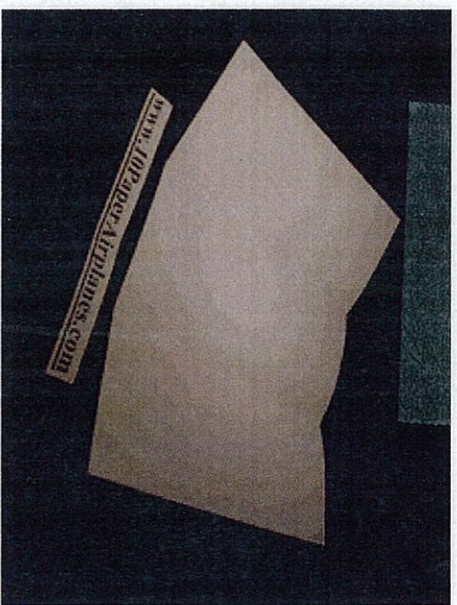
4. Fold the two pointed strips down towards the bottom, then fold each side of the bottom in towards the center, and finally, fold the very bottom-most 1 inch of paper back up and tape it in place.



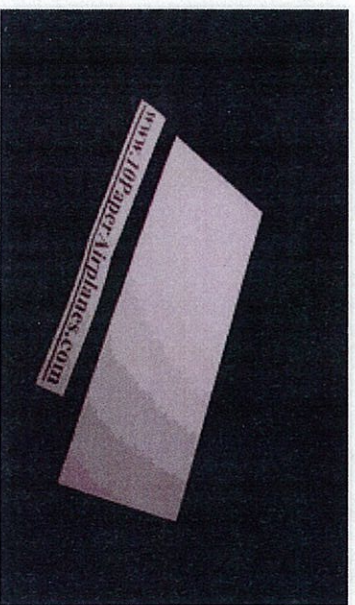
5. Fold the wings down so they are parallel to the ground and you're done!



The Bat imitates modern day gliders, it is capable of traveling very long distances, but works best when there are existing air currents that it can use to fly on. This paper airplane is the most fun outdoors where a gust of wind can carry it very high and far. To make this paper airplane you will need a single sheet of paper and a pair of scissors.



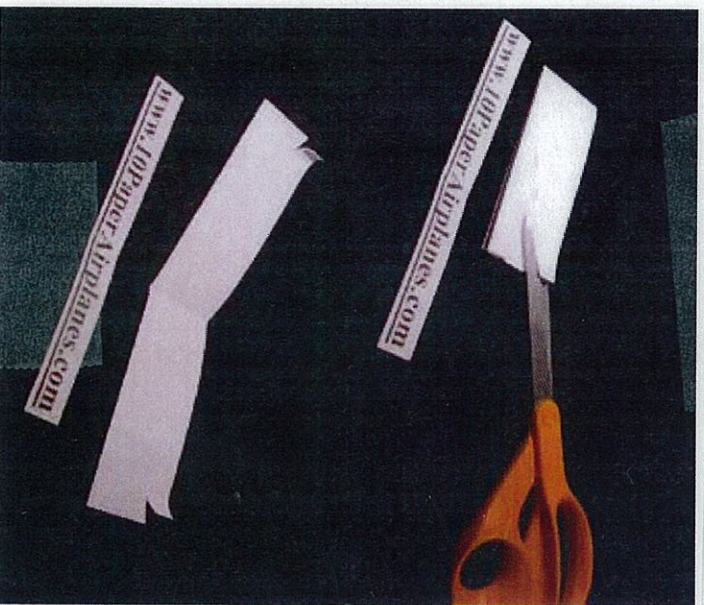
1. Fold the paper into thirds and then unfold it so that there are creases left, then either cut or tear along the creases to make three strips of paper. You will only need one strip per plane.



2. Beginning on one of the long sides, fold it down evenly about 1/2 inch. Repeat this step for a total of 4 folds. Keep your folds as tight and even as possible.



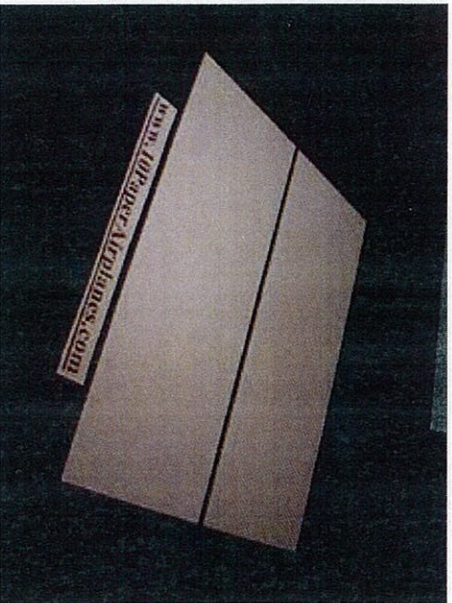
3. Flip the paper airplane over to its other side and fold it in half evenly.



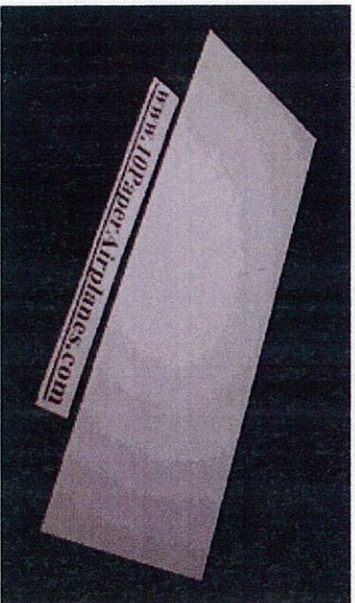
4. Using your scissors, make a small (about 1/4 to 1/2 inch long) cut into the rear of the wings to make small 'winglets' as shown in the pictures. You will use these to fine-tune the Bat's tendency to turn during flight.



The Ring is a cool little plane that uses the boundary layer effect to float through the air, the most important part of flying this paper airplane is getting it to spin as fast as possible. To make this paper airplane you will need a single sheet of paper, a pair of scissors, and some tape.



1. Fold your paper in half long-ways and unfold it again to create a crease to use as a guide. Then either cut or tear it along the crease to create two long strips of paper.

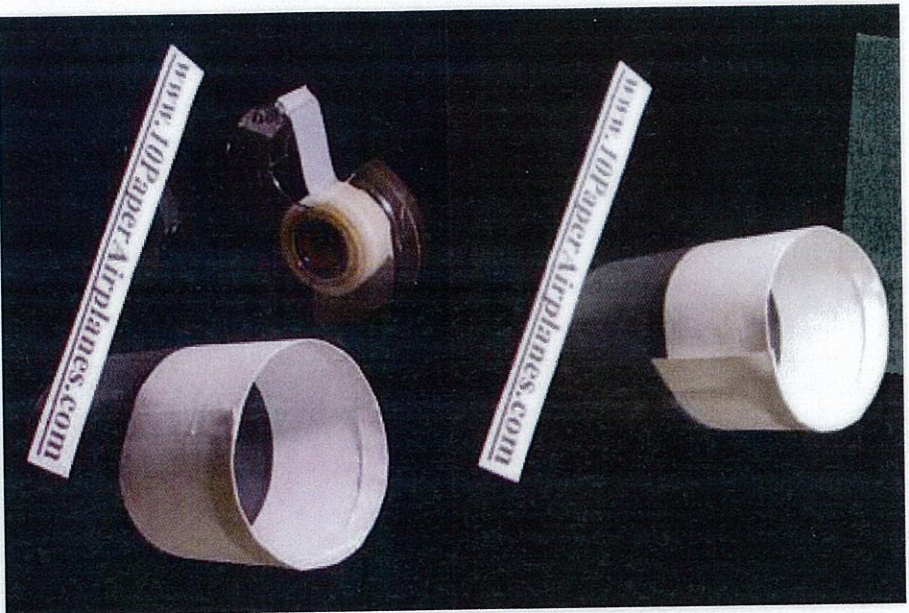


2. Beginning on one of the long sides, fold it down evenly about 1/2 inch. Repeat this step for a total of 4 folds. Keep your folds as tight and even as possible.

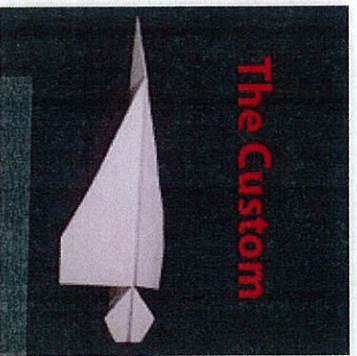


3. Using something cylindrical, gently shape the strip of paper into a circle by rolling it back and forth gently and smoothing out wrinkles as they occur. If you don't have anything on hand, roll the paper between your fingers.

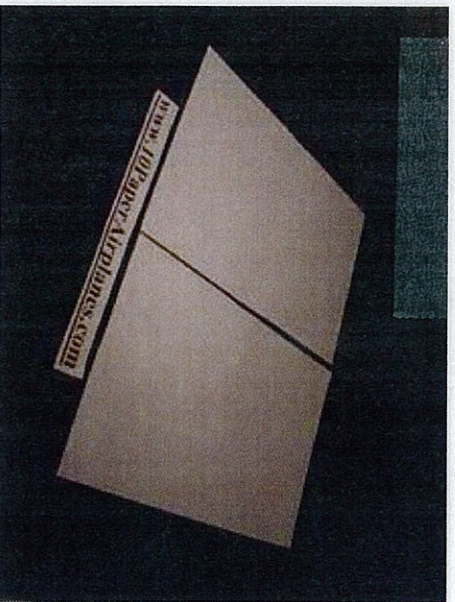




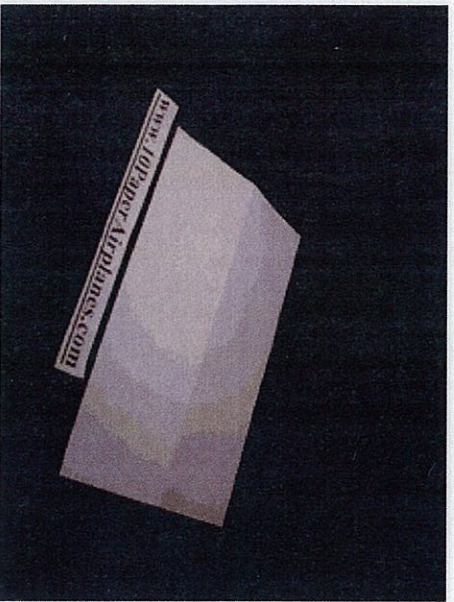
4. Once it is circular, tuck one end into the other and use tape to hold it in place. Run the tape along the length of the connection.



The Custom is named such because it is given it's shape by a series of cuts and can be custom-modified to create a plane of any shape you wish! To make this paper airplane you will need a single sheet of paper and some scissors.



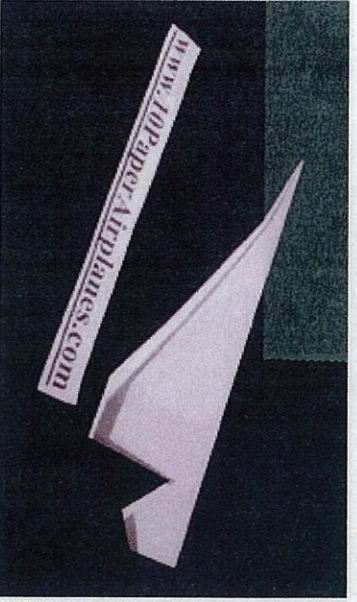
1. Because we will be making the shape of this paper airplane with scissors and not folds, it will not be as rigid as the others on these pages, so we will cut the paper in half along the width and use one half of a page for this plane. Fold the page in half first if you require a guide line.



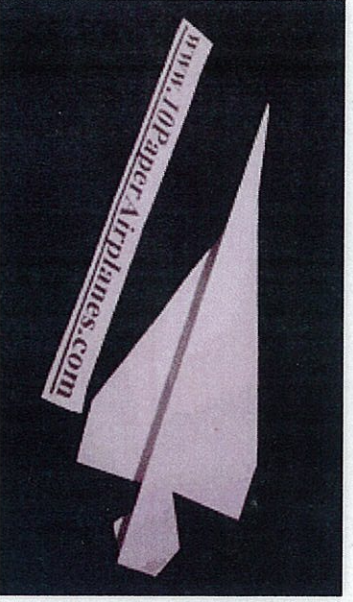
2. Fold your paper in half long-ways.



3. Take your scissors and visualize how you would like your own custom plane to look. Then cut the tail and wings. You can also try varying the angle of the cut near the tip to account for the body.



4. Once you've shaped your plane with the scissors, fold down the first wing and tail however you would like.



5. Make sure you fold the other wing and tail exactly as you did the first.