**PHOENIX**

1. Start with the plain side of the paper facing upwards.
2. Fold in half lengthwise. Unfold to make a center crease.
3. Fold the upper-right corner down so the top edge sits on the center crease.
4. Do the same with the upper-left corner.
5. Fold the top point down, creasing right beneath the flaps you just made.
6. Do the same with the upper-left corner.
7. Put the upper-right corner on the center crease, about 1 inch above the point. Crease well.
8. Flip the point up and fold so it’s right on the center crease.
10. Flip it over the other side.
**PHOENIX**

7. Fold in half. Make sure the edges of the left side line up perfectly with the edges on the right.

8. Fold just the top flap so that the crease falls on the dashed line shown.

9. Flip over. Line up the edges with the wings you just made.

10. Unfold the wings part way so that your plans look like this from the back.

**FINISHED AIRPLANE**
Gamma Racer

1. Start with the plain side of the paper facing upwards.

2. Fold in half, top to bottom. Be exact.

3. Fold the right edge of the top flap up so it sits on the crease you just made.

4. Make the same fold with the left edge. The top half of the paper should look like an upside-down triangle.

5. Fold the upper-right corner down to the tip of the upside-down triangle.

6. Do the same with the upper-left corner.

7. Fold the right and left corners down to the creases you just unfolded.

8. Refold along the same creases.

9. Flip over and fold the point in the middle up.

End up like this.
**Gamma Racer**

9. **Fold in half, from left to right.**

10. **Fold the top wing down as shown.**

11. **Flip over.**

12. **Fold the other wing right on top of the first. Line up all the edges carefully.**

Unfold the wings part way so that your plans looks like this from the back.

Finally, add pinky-width fins to the ends of your wings. Make them straight up and down.

FINISHED AIRPLANE
**Stealth Glider**

1. Pick up this corner and put it near the X.
   - Start with the plain side of the paper facing upwards.

2. Line these edges up!
   - Make a perfect diagonal crease. Then unfold it.
   - Do the same thing with the other corner. Fold and unfold.

3. Flip over like this
   - You should now have a big crease X in your paper.

4. Fold
   - Fold the top paper down, so that the corners line up precisely with the bottom of the creased X. Unfold

5. Press here… And the sides will pop up
   - After you flip the paper over, lay it down on the table.
   - Then, press the middle of the creased X until the sides "jump" up.
**Stealth Glider**

Pull the top edge of the paper downward. As you do, the sides of the paper should fold inward along the horizontal crease you already made.

1. **Step 7**
   - Pick up just the top layer of the big triangle, folding the bottom-left corner to the top.
   - Do the same with the right side. If it doesn’t look like this, you probably picked up both layers instead of just the top layer.

2. **Step 8**
   - Fold the left side onto the right. Unfold.

3. **Step 9**
   - Bring the very top of the plane down so that it sits right at the base of the triangle. Make sure it’s lined up with the vertical crease, then fold.
Stealth Glider

10. Fold the left side on top of the right, lining up all the edges.

11. Make the wing by folding the top of the nose down to the bottom.

12. Flip your plane over and do the same thing to the other wing. Line up the bottom edges of the wings.

13. Put one edge right on top of the other.

Unfold the wings part way so that your plane looks like this from the back.

Finally, add pinky-width fins to the ends of your wings. Make them straight up and down.

FINISHED AIRPLANE
**Sky Shark**

1. Start with the plain side of the paper facing upwards.

2. Fold in half lengthwise. Unfold to make a center crease.

3. Fold the right edge to the center crease.

4. ...and do the same with the left.

5. Fold the top two corners down so the top edge sits right on the center crease.

6. Hold down the flaps you just made with your finger. Then pull the big flap on the right side up from the inside corner. Fold.

7. Fold the right half over onto the left side.

8. END UP LIKE THIS

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8
**Sky Shark**

8. **Fold up**
   - Fold just the top big flap over so it's right on top of the other one. Match up all edges perfectly.
   - Open up the whole thing and lay it flat.
   - Then starting about 1 inch below the small triangle flaps . . .
   - . . .fold the top down, putting the tip on the center crease.

10. **Point touches top**
    - Fold the point up to the crease you just made; then unfold.

11. **New crease meets center crease**
    - Put the top-right corner on the new crease, right in the middle.
    - Do the same with the left corner.

12. **Flip over**
    - Flip the point up, putting it on the center crease.

13. **End up like this**
    - Fold in half from left to right.
Sky Shark

Put the top-right corner on the new crease, right in the middle.

After flipping it over …

...fold the second wing by lining the edges up with the wing below it.

Unfold the wings part way so that your plans looks like this from the back.

FINISHED AIRPLANE
### NightHawk

1. **Start with the plain side of the paper facing upwards.**

   - Pick up this corner and put it near the X.

2. **Make a perfect diagonal crease. Then unfold it.**

   - Fold these edges up!

3. **End up like this.**

   - You should now have a big crease X in your paper.

4. **Fold the upper-right corner down, putting the long edge on the crease you just made.**

   - Make the same fold with the upper-left corner.

5. **Fold in half, then unfold.**

   - Make sure this flap gets unfolded.

6. **Fold in half, then unfold.**

   - Put this crease on the one beneath it.
**NightHawk**

7. Fold the new upper-right corner to the center of the creased X.

8. Do the same on the other side.

9. Do the same on the other side.

Unfold the last two folds. It should look like this.

Fold up the on the dashed line as shown.

End up like this.

10. Fold the diagonal edge on the right side to the crease you made in step 8.

11. Repeat on the left side.

Fold both sides in along the creases you made in steps 8 and 9.

12. Line up the center crease with the crease below it.

Fold the top flap down as far as it will go.

End up like this.
**NightHawk**

13. **Fold in half, making sure to line up all edges.**

14. **Fold the wing down so that the edge sits on the bottom corner.**

15. **Fold the other wing so it’s right on top of the first.**

Unfold the wings part way so that your plans looks like this from the back.

FINISHED AIRPLANE
**Spider Flyer**

1. Start with the plain side of the paper facing upwards.

   Pick up this corner and put it near the X.

2. Make a perfect diagonal crease. Then unfold it.

   Line these edges up!

3. Do the same thing with the other corner. Fold and unfold.

   You should now have a big crease X in your paper.

   Flip over like this.

4. Fold the top paper down, so that the corners line up precisely with the bottom of the creased X. Unfold.

   Flip over.

5. Press here… and the sides will pop up.

   After you flip the paper over, lay it down on the table.

   Then, press the middle of the creased X until the sides “jump” up.
Spider Flyer

6. BRING THE SIDES FORWARD AND TOGETHER END UP LIKE THIS
Pull the top edge of the paper downward. As you do, the sides of the paper should fold inward along the horizontal crease you already made.

7. GRAP JUST THE TOP LAYER
Bring the bottom-right corner of the triangle over to the bottom-left corner and crease.

8. CREAS GOES FROM TOP … FLIP OVER …TO BOTTOM CORNER END UP LIKE THIS
Fold the new bottom-right corner of the triangle in so that the crease runs from the top of the triangle to the lower-right corner of the paper.

9. LIFT HERE LINE UP THESE EDGES PERFECTLY
Lift just the top flap of paper on the right side of the plane. Fold it to the left side, lining up the bottom edges of the paper.

10. MAKE THIS CREASE RIGHT ON THE ONE BELOW IT FOLD END UP LIKE THIS
Fold the left corner of the triangle in, just like you did in step 8. Make sure it’s right on top of the first one.

11. FOLD
Without making any new folds, unfold the center creases until it looks like this.

12. FOLD 1"
Fold the top of the triangle down so that it sits on the center crease, about an inch from the bottom.
**Spider Flyer**

**12** Flip the same flap up so that the point sits on the crease at the top.

**13** Fold the plane in half from left to right. Line up all edges perfectly.

**14** Fold the wing at a sharp angle, as shown. (The butt should be about twice the size of the nose.)

**15** The edge of the wing and the body of the plane should be roughly parallel. After flipping it over, fold the second wing, lining it up exactly on top of the first.

Unfold the wings part way so that your plans looks like this from the back.

FINISHED AIRPLANE