

Paper Plane Design Trials

Plane 1 - Name: Condor URL: www.funpaperairplanes.com

Trial 1

Distance - 11 Ft.

Flight Path - Went in a few circles and went fast.

Observations - It spun counterclockwise.

Design Tweaks Applied - I made the wings equal so they would not spin.

Trial 2

Distance - 15 Ft.

Flight Path - Went in more circles!

Observations - It flew better than my first trial.

Design Tweaks Applied - I stapled some sides.

Trial 3

Distance - 18 Ft.

Flight Path - kept spinning and flew to the right of the hallway.

Observations - The staples helped the plane balance and maintain control.

Design Tweaks Applied - I put another staple on the nose to keep it in the air.

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Plane 2 – Name: The Delta Fighter URL:

<http://www.amazingpaperairplanes.com/AmericanLungAssociationDeltaFighter.html>

Trial 1

Distance - 12Ft.

Flight Path – Went completely straight and did not go right or left.

Observations – It flew fast but slowed down and It was fast then my first plane.

Design Tweaks Applied – I folded the wings again and made them the same sizes.

Trial 2

Distance - 19 Ft.

Flight Path – It was farther then my other Trials.

Observations – It flew straight and went very fast!

Design Tweaks Applied –

Trial 3

Distance - 2 Ft.

Flight Path – went back round and flew underneath me.

Observations – It did not fly very well at all.

Design Tweaks Applied – I made it more straight so it would not fly under me again.

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Plane 3 – Name: Classis Dart URL: <http://www.funpaperairplanes.com/>

Trial 1

Distance -8Ft.

Flight Path – flew left and almost turned around.

Observations – It was very slow and I did not fly very well.

Design Tweaks Applied – I changed the wings so they were the same sizes.

Trial 2

Distance - 13Ft.

Flight Path – flew right and stayed in the air above ground for a few seconds.

Observations – It flied faster then Trial 1.

Design Tweaks Applied – I changed the nose so my plane would fly better.

Trial 3

Distance - 17 Ft.

Flight Path – stayed straight then started curving left.

Observations – It went slow and was probably the slowest trial.

Design Tweaks Applied – I made sure all the folds were the right sizes.