





Design and build a paper airplane that can safely transport a passenger at least 6 feet. Your passenger must stay on the plane and be visible from the outside. The goal is to get them to their destination safely!

You'll need paper, connectors and a passenger. Use what you have and be creative!



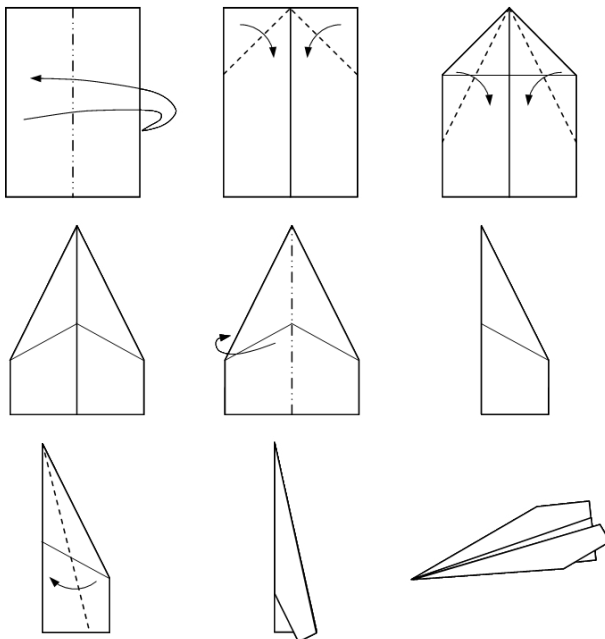
Paper	Connectors	Passengers	Yes: Tape, No: Glue
<ul style="list-style-type: none"> Different kinds of paper 	<ul style="list-style-type: none"> Rubber bands Paper clips Binder clips Twist ties String 	<ul style="list-style-type: none"> Paper clips Small beads Dried beans 	 Why? Because building without glue lets you change your designs faster and makes it easier to reuse materials. 

Ready, set, build!

Course length: 6 feet

Simple paper airplane instructions

1. Create your airplane. Start with a simple paper airplane and get more creative from there.
2. Be sure to include a passenger.
3. Test inside to avoid the wind.
4. Keep testing until you've met the challenge.



Bonus challenges

- Can your plane carry two passengers? Or more?
- Can you make the plane fly using a different kind of paper?
- Can you adjust your design to make your plane fly farther? Straighter? Higher?
- Can you make a flying device out of different materials?

