



# The Tech Challenge

Presented by  
Dell Technologies

# Take Flight!



Ready for a little Tech Challenge fun? It's time to build a paper airplane that can safely transport your passengers!

Created June 2020

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!



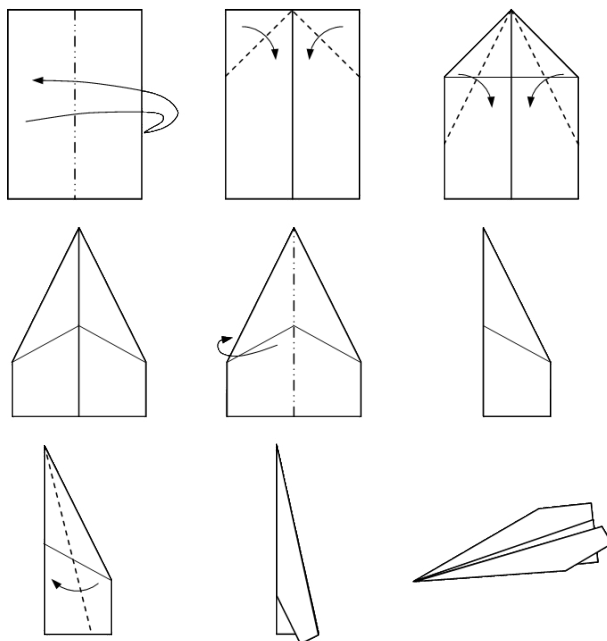
Paper	Connectors	Passengers	Yes: Tape, No: Glue
<ul style="list-style-type: none"> <li>Different kinds of paper</li> </ul>	<ul style="list-style-type: none"> <li>Rubber bands</li> <li>Paper clips</li> <li>Binder clips</li> <li>Twist ties</li> <li>String</li> </ul>	<ul style="list-style-type: none"> <li>Paper clips</li> <li>Small beads</li> <li>Dried beans</li> </ul>	 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

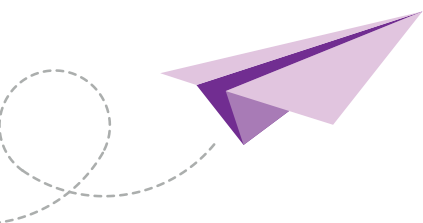
1. Create your airplane. Start with a simple paper airplane and get more creative from there.
2. Be sure to include a passenger.
3. Test inside to avoid the wind.
4. Keep testing until you've met the challenge.

### Simple paper airplane instructions



### 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?



Share what you build on Facebook using **#TheTechChallenge**

[thetech.org/techchallenge](http://thetech.org/techchallenge)