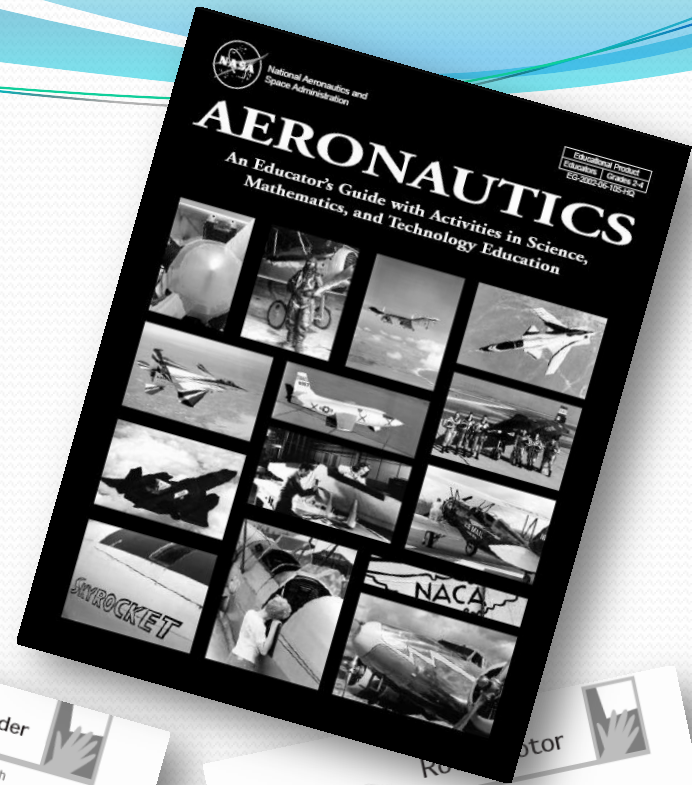


# Inquiry

- [www.nasa.gov/audience/foreducators/topnav/materials/listbtype/Aeronautics.html](http://www.nasa.gov/audience/foreducators/topnav/materials/listbtype/Aeronautics.html)



**Delta Wing Glider**

**Test Question:** Does changing the position of the elevons on a delta wing glider change its flight path?

**Directions:** Bend the elevons into the positions listed below. Be sure to predict the flight path before flying the glider. Test fly the glider and record the results (up, down, left, right).

**Student Test Pilot Record Sheet (What I Observed)**

Position of elevons	Predicted Flight Path	Path of Test Flight
Right and left straight	_____	_____
Right and left up	_____	_____
Right and left down	_____	_____
Right down, left up	_____	_____
Right up, left down	_____	_____

Does moving the elevons change the way the glider flies?  
 What happens when both elevons are in the up position?  
 What happens when both elevons are in the down position?  
 Does changing the position of elevons on a delta wing glider change its flight path?

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**Delta Wing Glider**

Draw the flight path

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**Rollercoaster**

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