

Wright Brothers Timeline

Gotta Problem? Find a Solution!

Directions: Use the Wright Brothers Timeline to answer the questions below. Read each problem below and tell how the Wright Brothers solved each problem as well as the year in which it was solved.

1. Problem: Better control and balance of the aircraft.

Year: _____

Solution:

2. Problem: Wings did not get enough lift.

Year: _____

Solution:

3. Problem: Aircraft needs better balance during flight.

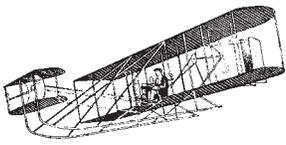
Year: _____

Solution:

4. Problem: Others taking pictures of their airplane in order to steal their ideas on flight for their own monetary gain.

Year: _____

Solution:



Answer Key for “Wright Brothers Timeline” Gotta Problem? Find a Solution!

Directions: Use the Wright Brothers Timeline to answer the questions below. Read each problem below and tell how the Wright Brothers solved each problem as well as the year in which it was solved.

1. Problem: Better control and balance of the aircraft.

Year: 1899

Solution: *Wing-warping which twisted the wing tips in opposite directions.*

2. Problem: Wings did not get enough lift.

Year: 1901

Solution: *Build wind tunnel and test a variety of wing shapes and their effect on lift.*

3. Problem: Aircraft needs better balance during flight.

Year: 1902

Solution: *A movable tail connected to wing-warping wires*

4. Problem: Others taking pictures of their airplane in order to steal their ideas on flight for their own monetary gain.

Year: 1909

Solution: *Coat the airplane with varnish and apply aluminum powder to it so that it will blend into the background on a photograph.*