

## Contemporary Aviation



17. How many arrivals and departures do air traffic controllers handle at NY area airports each year?

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18. Look at the display called "Airliners over Long Island". Pick one of the planes and draw it in the box below.



## Long Island to the Moon: 1969-Today



19. Who was the "Father of Rocketry"?

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What does it mean?

*Air Traffic Controllers* - people who direct planes where to go

*Rocketry* - the science of building rockets

*Astronauts* - people who go into outer space

20. The first Americans in space were called Mercury astronauts. Look for the picture of the seven astronauts in their space suits. Name one of the men.

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21. What was the Lunar Module used for? 

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22. Look for the section called "Living in Space". How did the astronauts sleep while in space?


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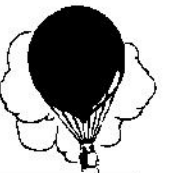


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## INTERMEDIATE AEROSPACE QUEST

Use this quest as a guide around the Cradle of Aviation Museum to learn about Long Island's amazing role in the history of flight. Answers to the questions may be found in pictures, artifacts, text and the airplanes themselves. Many of the docents in our galleries were involved with the aircraft in our collection. Please ask their help in answering the questions below, especially those marked with 



What does it mean?

*Artifacts* - objects from the past

*Inventor* - someone who creates something new

*Docent* - knowledgeable museum guide



## Dream of Wings: 1783 - 1903

1. Which is 'lighter' - hot air or cool air?

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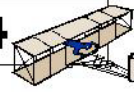
2. Which famous inventor built a triangular kite around 1900? (Hint: He invented something we use every day.)

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3. Who was the first person to fly in an engine powered aircraft? \_\_\_\_\_

## Hempstead Plains: 1908 - 1914



What does it mean?

*Airfield* - a place where airplanes take off and land

*The Great War* - World War I

*Mitchel Field* - former army base where the Cradle of Aviation is located

*Charles Lindbergh* first man to fly alone across the Atlantic Ocean non-stop

*Aircraft Carrier* - a ship used as a floating airfield

4. Who was the first licensed female pilot in the U.S.?

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5. Who was Glenn Curtiss? 

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6. Look for the story about Calbraith Rodgers and his attempt to fly across the United States. What was his plane called? (Hint: Look on the white plane with the grapes on it.)

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7. List 3 airfields that were located on Long Island in 1911.

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

## The Great War: 1914 - 1918

8. Look for the Breese Penguin. What was it used for?   
(Remember: You may have to ask a docent to find the answer.)

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9. How did Mitchel Field get its name? 

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## The Golden Age: 1919 - 1939

10. From where did Charles Lindbergh take off as he headed to Paris in the *Spirit of St. Louis* on May 20, 1927? 

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11. Look for the blue plane named the Grumman G-21 Goose. What is unusual about this plane?

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## World War II: 1939 - 1945



12. What percent of American fighter planes were built on Long Island during World War II? \_\_\_\_\_

13. During World War II, why did the planes on aircraft carriers have folding wings?

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14. Look for the Republic P-47N Thunderbolt. What is the nickname painted on the plane? \_\_\_\_\_



## The Jet Age: 1946 - 1981

15. What kind of animal was used by Grumman as names of their fighter planes?  (Hint: You may have this kind of animal as a pet.) \_\_\_\_\_

16. Look up at the yellow flying machine called the Gyrodyne hanging from the ceiling. What is it? \_\_\_\_\_

