



## Intermediate Aerospace Quest

America learned to fly on Long Island. Generations of Long Islanders working side by side built countless flying machines to defend our country's freedom and leave footprints on the Moon. The Cradle of Aviation Museum is preserving Long Island's rich aerospace heritage.

Many of the docents in our galleries were involved in significant ways with the aircraft in our collection. Please ask their help in answering the questions below, especially those marked with an asterisk\*.

### Dream of Wings Gallery: 1783-1903

1. Which is 'lighter' – hot air or cool air? \_\_\_\_\_
2. Which famous inventor built a triangular kite around 1900? \_\_\_\_\_
3. Who was the first person to fly in an engine powered aircraft? \_\_\_\_\_

### Hempstead Plains Gallery: 1908-1914

4. Who was Glenn Curtiss?\* \_\_\_\_\_
5. Look for the story about Calbraith Rodgers and his attempt to fly across the US. What was his plane called? \_\_\_\_\_
6. Who was the first licensed female pilot in the US? \_\_\_\_\_
7. List 3 airfields that were located on Long Island in 1911. \_\_\_\_\_

### WWI Gallery: 1914-1918

8. Look for the Breese Penguin. What was it used for? \_\_\_\_\_
9. How did Mitchel Field get its name? \_\_\_\_\_

### The Golden Age Gallery: 1919-1939

10. Where did Charles Lindbergh take off from as he headed to Paris in the Spirit of St. Louis in May 20, 1927? \_\_\_\_\_
11. Look for the blue plane named the Grumman G-21 Goose. What is unusual about this plane? \_\_\_\_\_

### World War II Gallery: 1939-1945

12. How many Long Islanders worked in the defense industry in WWII? \_\_\_\_\_
13. During WWII, why did the planes on aircraft carriers have folding wings?\* \_\_\_\_\_
14. Look for the Republic P-47N Thunderbolt. What is the 'nickname' painted on the plane? \_\_\_\_\_



## Intermediate Aerospace Quest, Cont'd

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### **The Jet Age Gallery: 1946-1981**

15. What kind of animal was used by Grumman as names of their fighter planes? \* \_\_\_\_\_  
16. Look up at the yellow Gyrodyne hanging from the ceiling. What is it? \_\_\_\_\_

### **Contemporary Aviation Gallery: - 1982-Present**

17. How many arrivals and departures do air traffic controllers handle at NY area airports each year? \_\_\_\_\_  
18. What are the 3 levels of Air Traffic Control? \_\_\_\_\_

### **Space Exploration Gallery:**

19. Who was the 'Father of Rocketry'? \_\_\_\_\_  
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 them.  
\_\_\_\_\_  
21. How much did the astronaut's space suit weigh on Earth? \* \_\_\_\_\_  
22. Look for the glass exhibit called "Living in Space". How did the astronauts sleep while in space? \* \_\_\_\_\_