

The 1909 Wright Military Flyer Reproduction Available for Lease or Sale

In 1903, the Wright Brothers invented the airplane. In 1909, they taught the world to fly. When Wilbur Wright began training the first US Military pilots at College Park, Maryland, a great tradition of instruction and inspiration was born. To commemorate this important aviation milestone, the Wright Experience, Inc. painstakingly handcrafted an exact airworthy reproduction of the 1909 Wright Military Flyer. For the first time it is now being made available for public sale. This one-of-a-kind reproduction is suitable for museum display with interactive learning exhibit.



Wilbur Wright Instructing Lt. Frederic Humphreys, College Park, MD, 1909

Military Flyer Importance

The significance of this exact reproduction of the Military Flyer cannot be overstated:

- As so often happens even today, it represented the first application of a new technology for use by the United States military;
- It was the first aircraft flown by military pilots;
- It was the first airplane flown in the State of Maryland;
- It is a shining example of American ingenuity, scientific genius, and perseverance;
- It was the enabling vehicle to make US military aviation what it is today.

The Reproduction 1909 Aircraft

The 1909 Flyer is an airworthy, flyable aircraft, recreated by the Wright Experience, Inc., of Warrenton Virginia. It is the result of tens of thousands of man-hours in research. No complete plans exist for the Flyer, but accurate specifications were determined during a thorough examination of the original Flyer at the National Air and Space Museum. These measurements were compared with notes, letters, diary entries, military records, and a unique method of deriving accurate measurements from photographs using AutoCAD software. The materials for every component (the airframe, propellers, wing coverings, fittings, etc.) match as closely as possible to the original Flyer.

STEM Education

As an educational tool, the reproduction 1909 Military Flyer's greatest potential lies in its application to STEM subjects (Science, Technology, Engineering, and Mathematics). Advancing STEM education is of paramount national interest. The Wright brothers' Military Flyer is an outstanding, inspirational model across several disciplines:



- *As a demonstration of the complete innovative engineering process, from concept to prototype to product;*
- *As a practical application of fundamental mathematics (adaptable across K-12 curricula) including algebra, geometry, and trigonometry*
- *As a primer in the fundamentals of aeronautical engineering and design*

STEM curricula centered around the 1909 Flyer as a museum experience has been developed and is available for purchase with the reproduction flyer. More details available upon request.

Our Reproduction 1909 Flyer on Display at the Smithsonian's National Air and Space Museum, Washington, D.C.