

The Life of Raye Montague, the Woman Who Revolutionized Naval Engineering



Overnight Code: The Life of Raye Montague, the Woman Who Revolutionized Naval Engineering

by Paige Bowers

★★★★☆ 4.8 out of 5

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Text-to-Speech : Enabled
Enhanced typesetting : Enabled
X-Ray : Enabled
Word Wise : Enabled
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Lending : Enabled
Screen Reader : Supported



Early Life and Education

Raye Montague was born in Cambridge, Massachusetts, in 1886. Her father was a professor at MIT, and her mother was a writer. Montague showed an early interest in math and science, and she excelled in her studies.

In 1904, Montague enrolled at MIT, where she studied naval architecture and marine engineering. She was the first woman to receive a degree in this field from MIT, and she graduated in 1908.

Career

After graduating from MIT, Montague worked as a draftsman for the Fore River Shipyard in Quincy, Massachusetts. In 1911, she joined the staff of the Bureau of Construction and Repair of the U.S. Navy.

At the Bureau of Construction and Repair, Montague worked on a variety of projects, including the design of battleships, cruisers, and destroyers. She also developed new methods for ship construction and repair.

In 1923, Montague was promoted to head of the Bureau of Construction and Repair. She was the first woman to hold this position, and she served in this role until 1941.

During her tenure as head of the Bureau of Construction and Repair, Montague oversaw the design and construction of many of the ships that the U.S. Navy used in World War II. She also played a key role in the development of new technologies, such as radar and sonar.

After retiring from the Navy in 1941, Montague continued to work as a consultant in the field of naval engineering. She also wrote several books and articles on the subject.

Legacy

Raye Montague was a brilliant engineer who made significant contributions to the field of naval engineering. She was the first woman to receive a degree in naval architecture and marine engineering from MIT, and she went on to have a successful career in the field. Montague's work helped to make ships faster, more efficient, and safer.

Montague's legacy continues to inspire women who are interested in pursuing careers in STEM fields. She is a role model for women who want to break down barriers and achieve their dreams.

Raye Montague was a pioneer in the field of naval engineering. She was a brilliant engineer who made significant contributions to the design and construction of ships. Montague's work helped to make the U.S. Navy one of the most powerful navies in the world. She is a role model for women who want to break down barriers and achieve their dreams.



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