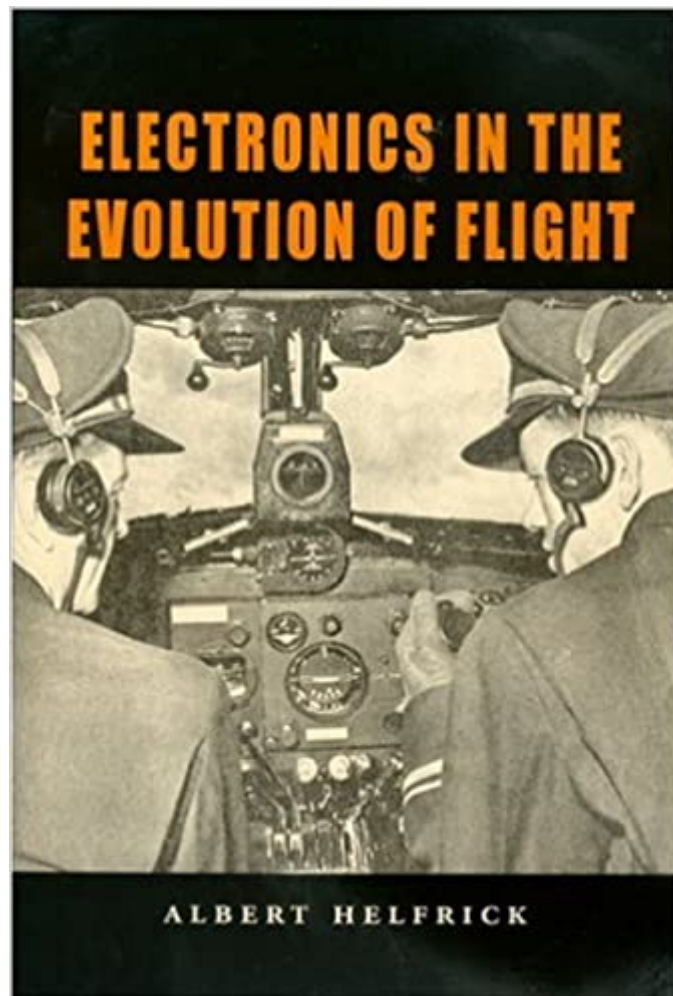




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# Electronics In The Evolution Of Flight (Centennial Of Flight Series)



## Synopsis

Electronics in the Evolution of Flight traces the paired history of modern aviation and electronics, or avionics, from its earliest years to the indispensable tool it is today. Albert Helfrick, who for twenty-five years has designed avionics for agencies and corporations such as NASA and Boeing, provides a thorough account of the roles played by the famous and the obscure, from Edwin Howard Armstrong to Nikola Tesla and David Sarnoff, in the successful creation of aviation technology. Helfrick focuses much of his work on the advancement of electronic systems. He explains the origins of technical definitions and acronyms such as Radio Detection and Ranging (RADAR) and the difference between short waves and microwaves. With an easy familiarity, he reviews topics as varied as the Morse code, the Radio Club of America, and the evolution of microprocessors. Helfrick covers the history of all of the engineering and electronic developments in a style that is accessible to lay readers, but also provides a valuable reference for specialists.

## Book Information

Series: Centennial of Flight Series (Book 9)

Paperback: 224 pages

Publisher: Texas A&M University Press (September 23, 2004)

Language: English

ISBN-10: 1585444138

ISBN-13: 978-1585444137

Product Dimensions: 6.4 x 0.6 x 9.2 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 5 customer reviews

Best Sellers Rank: #3,433,800 in Books (See Top 100 in Books) #50 in [Books > Engineering & Transportation > Engineering > Aerospace > Avionics](#) #2343 in [Books > Engineering & Transportation > Transportation > Aviation > History](#) #3920 in [Books > Science & Math > Astronomy & Space Science > Aeronautics & Astronautics](#)

## Customer Reviews

Albert Helfrick, who makes his home in Daytona Beach, Florida, is a professor of avionics at Embry-Riddle Aeronautical University.

Good book, not obliquely technical, but very clear.

A somewhat random assortment of topics. For example the section on computer starts with 5 pages on the history of microprocessors, starting with the Intel 4004 and 8008! Only a few pages on flight simulators. Read through the preview carefully to decide if you are interested in the topics he covers.

It's a fine primer for anyone interested in airborne navigation electronics.

Interesting account for serious electronic and aviation nerds only.

This book was good. But, not exceptional.

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