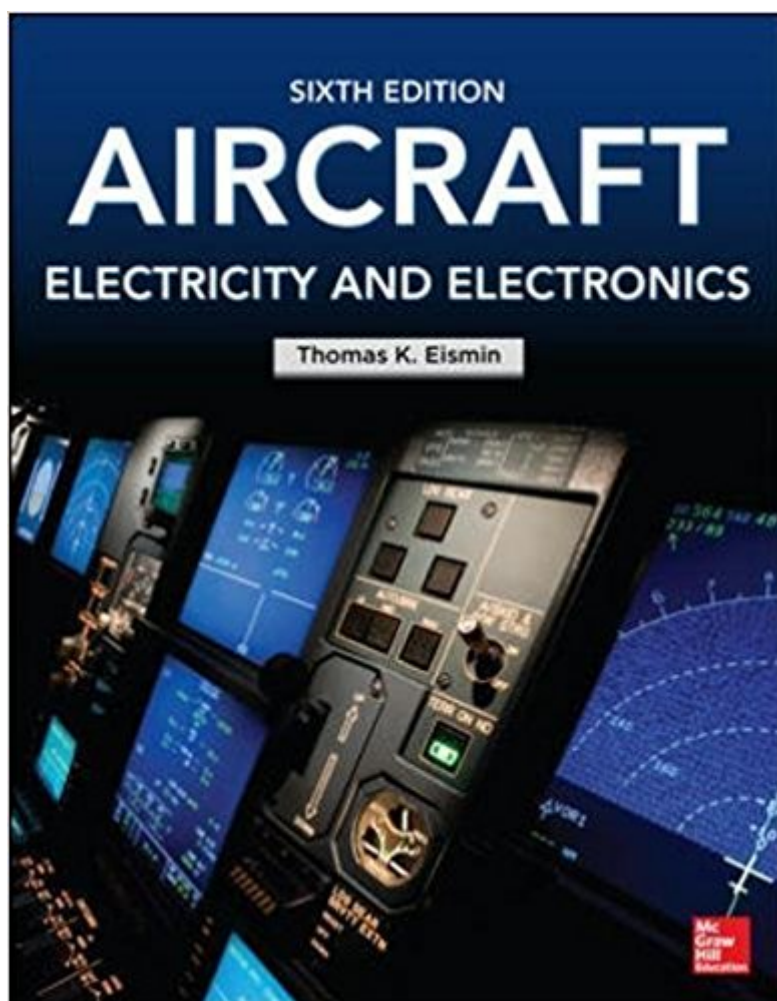


The book was found

Aircraft Electricity And Electronics, Sixth Edition (Aviation)



Synopsis

Complete coverage of modern electrical and electronics systems for aircraft Fully updated for the latest technological advances, this comprehensive text describes design concepts, FAA certification requirements, and aerospace-quality maintenance and repair techniques for aircraft electrical and electronics systems. The materials contained in this book will benefit designers, engineers, and technicians for all aircraft and aerospace vehicles. The requirements for the FAA Airframe and Powerplant Mechanic certification are also presented. The book contains new and revised information on: The Airbus A-380 and the Boeing 787 Fiber-optic cable Brushless motors and modern sensors Variable frequency generators Very light jet electrical power systems Electronic maintenance data Advanced integrated test equipment GPS augmentation systems and satellite communications Flight data and cockpit voice recorders Synthetic vision and radar systems Integrated flight decks Flight management systems And much more This thoroughly up-to-date resource leads you from the fundamentals of electron theory through to the study of aircraft digital control systems. In-depth details on AC and DC systems for virtually all varieties of aircraft--including the newest models--are provided. New and improved diagrams, an 8-page full-color insert, and helpful troubleshooting techniques are also included. Aircraft Electricity and Electronics, Sixth Edition, covers:

- Fundamentals of electricity
- Applications of Ohm's law
- Aircraft storage batteries
- Electric wire and wiring practices
- Alternating current
- Electrical control devices
- Digital electronics
- Electric measuring instruments
- Electric motors
- Generators and related control circuits
- Alternators, inverters, and related controls
- Power distribution systems
- Design and maintenance of aircraft electrical systems
- Radio theory
- Communication and navigation systems
- Weather warning and other safety systems
- Instruments and autoflight systems

Book Information

Series: Aviation

Paperback: 512 pages

Publisher: McGraw-Hill Education; 6 edition (October 3, 2013)

Language: English

ISBN-10: 007179915X

ISBN-13: 978-0071799157

Product Dimensions: 8.5 x 1.1 x 10.8 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 32 customer reviews

Best Sellers Rank: #65,154 in Books (See Top 100 in Books) #34 in Books > Textbooks > Engineering > Aeronautical Engineering #82 in Books > Engineering & Transportation > Transportation > Aviation #90 in Books > Engineering & Transportation > Engineering > Aerospace

Customer Reviews

Thomas K. Eismin is a professor of aviation technology and has been teaching at Purdue University since 1977. He has held several Federal Aviation Administration certifications, including Inspection Authorization, Airframe and Powerplant Mechanic, Designated Mechanic Examiner, and Private Pilot with Instrument and Lighter-Than-Air ratings. Professor Eismin is author of previous editions of Aircraft Electricity and Electronics.

My wife and I are building an experimental aircraft and this book will be very helpful when we get to wiring it. I have glanced through it and it covers everything I was looking for.

Exactly what I needed for school. Delivered on time and at a good price.

Awesome book.

This book was required material for A&P school. I knew what to expect when i ordered it. I gave 5 stars because it was delivered before expected and book was in usable condition which matched listed description. Content is what it is and provides the pertinent information for aircraft electricity. Thank you.

I expected more but it was adequate. Gosh, it almost seems the comment was from my first ex-wife. Cheers!

Nothing special, more like a basic EE Knowledge book

excelent

on time and on target. as advertised

[Download to continue reading...](#)

Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics Aircraft Electricity and Electronics, Sixth Edition (Aviation) Study Guide for Aircraft Electricity and Electronics, Sixth Edition (Aviation) The World Encyclopedia of Aircraft Carriers and Naval Aircraft: An Illustrated History Of Aircraft Carriers And The Naval Aircraft That Launch From ... Wartime And Modern Identification Photographs 25 Uses of Electricity 4th Grade Electricity Kids Book | Electricity & Electronics Aircraft Electricity and Electronics (Glencoe Aviation Technology Series) Science Fair Projects With Electricity & Electronics: Electricity & Electronics Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current Electricity, and Magnets (Expanding Science Skills Series) Conductors and Insulators Electricity Kids Book | Electricity & Electronics Teach Yourself Electricity and Electronics, Sixth Edition (Teach Yourself (McGraw-Hill)) Electricity for Kids: Facts, Photos and Fun | Children's Electricity Books Edition Glencoe Physical iScience Modules: Electricity and Magnetism, Grade 8, Student Edition (GLEN SCI: ELECTRICITY/MAGNETIS) Static Electricity (Where does Lightning Come From): 2nd Grade Science Workbook | Children's Electricity Books Edition Standard Aircraft Handbook for Mechanics and Technicians, Seventh Edition (Aviation) Aircraft Maintenance and Repair, Seventh Edition (Aviation) Aircraft Powerplants, Eighth Edition (Aviation) Electricity, Electronics, and Control Systems for HVAC (4th Edition) Electricity, Electronics and Wiring Diagrams for HVACR (3rd Edition) Automotive Electricity and Electronics (5th Edition) (Automotive Systems Books) Flight Radio - US Aircraft Frequency Guide - 2017-2018 Edition: Guide to listening to Aircraft Communication on your Scanner Radio

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)