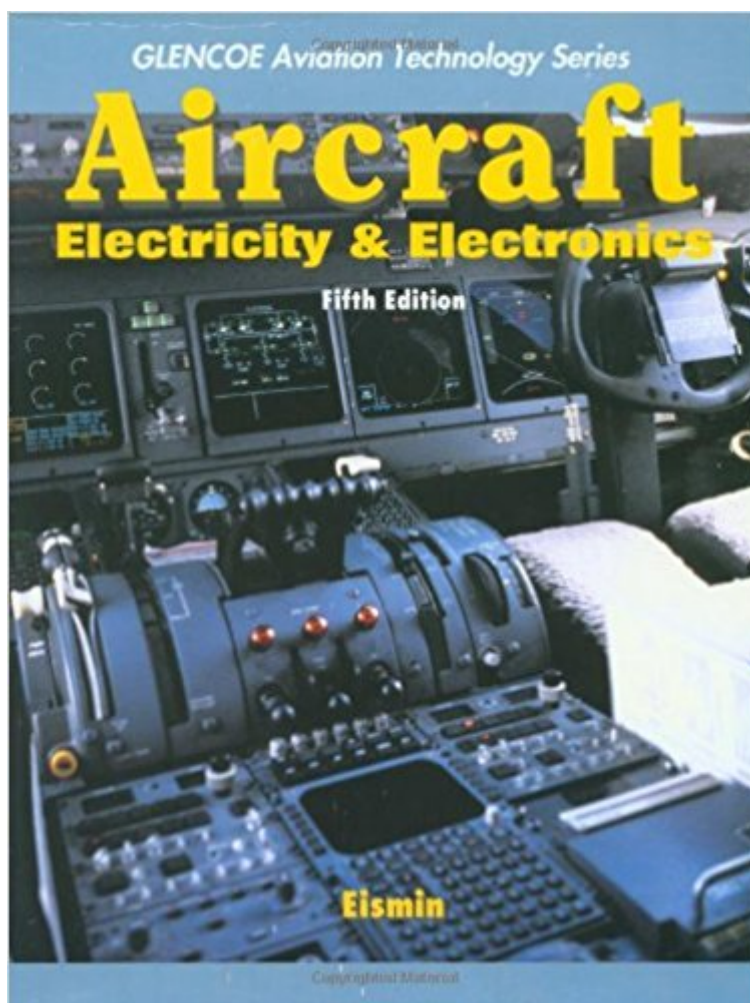


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Aircraft Electricity And Electronics (Glencoe Aviation Technology Series)



Synopsis

One of five texts in Glencoe's Aviation Technology Series, (formerly the Northrop series), Aircraft Electricity and Electronics provides your students with the information they need to perform return-to-service-quality maintenance and repair of aircraft electrical systems. The material covered includes the details necessary for the Federal Aviation Administration certification of Airframe and Powerplants Technicians. The text expands well beyond this basic information, however, providing an in-depth study of both ac and dc systems for virtually all varieties of aircraft. The text takes students through the fundamentals of electron theory and on to the study of aircraft digital control systems. Integrated into the text are various examples of troubleshooting techniques as they apply to aircraft systems. The text also provides details on a variety of general and commercial aircraft electrical/electronic systems, including avionics systems. One of the major changes in this edition is the modernization of material about electrical and electronic equipment to reflect current practices. Coverage of transistors and semiconductors, lighting systems, and nickel cadmium batteries has been updated while troubleshooting techniques using digital and analog meters have been added. This edition includes a Student Study Guide that parallels the text. It provides fill-in-the-blank questions that identify key terms, demonstrates applications of mathematical relationships, and validates learning progress by offering multiple-choice questions. The Instructor's Manual provides answers to the review questions and transparency masters to help you illustrate key concepts.

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Customer Reviews

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.

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