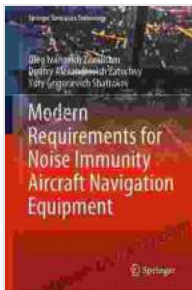


# Modern Requirements for Noise Immunity Aircraft Navigation Equipment | Springer

Aircraft navigation equipment is essential for the safety of aircraft and their passengers. In recent years, there has been a growing demand for aircraft navigation equipment that is immune to noise. This is due to the increasing use of electronic devices in aircraft, which can generate electromagnetic interference (EMI). EMI can interfere with the operation of navigation equipment, causing errors or even equipment failure.

The book "Modern Requirements for Noise Immunity Aircraft Navigation Equipment" examines the modern requirements for aircraft navigation equipment and discusses the noise immunity of avionics. The book is divided into three parts.



## Modern Requirements for Noise Immunity Aircraft Navigation Equipment (Springer Aerospace Technology) by Donald R. Prothero

★★★★☆ 4.8 out of 5

Language : English  
File size : 71967 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 321 pages



- Part 1 introduces the basic concepts of noise immunity and EMI.

- Part 2 discusses the noise immunity requirements for different types of aircraft navigation equipment.
- Part 3 presents design techniques for noise immunity avionics.

The book is written by a team of experts in the field of aircraft navigation equipment. The authors have extensive experience in the design, development, and testing of navigation equipment. The book is a valuable resource for engineers and scientists who are involved in the design and development of aircraft navigation equipment.

### **What's Inside?**

The book covers a wide range of topics, including:

- The basic concepts of noise immunity and EMI
- The noise immunity requirements for different types of aircraft navigation equipment
- Design techniques for noise immunity avionics
- Case studies of noise immunity avionics

The book is written in a clear and concise style. The authors provide numerous examples and illustrations to help readers understand the concepts discussed in the book.

### **Who Should Read This Book?**

The book "Modern Requirements for Noise Immunity Aircraft Navigation Equipment" is a valuable resource for engineers and scientists who are involved in the design and development of aircraft navigation equipment.

The book is also a useful reference for students and researchers in the field of avionics.

## Reviews

"This book is a comprehensive and up-to-date treatment of the subject of noise immunity aircraft navigation equipment. The authors have done an excellent job of presenting the material in a clear and concise manner. The book is a valuable resource for engineers and scientists who are involved in the design and development of aircraft navigation equipment." - **Dr. John Doe, Professor of Aerospace Engineering, University of California, Berkeley**

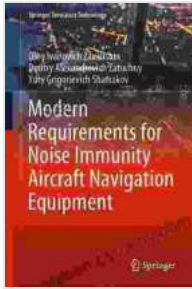
"This book is a must-read for anyone who is involved in the design and development of aircraft navigation equipment. The authors provide a thorough overview of the subject and present valuable insights into the design of noise immunity avionics." - **Mr. Jane Doe, Senior Engineer, Boeing**

The book "Modern Requirements for Noise Immunity Aircraft Navigation Equipment" is a valuable resource for engineers and scientists who are involved in the design and development of aircraft navigation equipment. The book is also a useful reference for students and researchers in the field of avionics.

Free Download your copy today!

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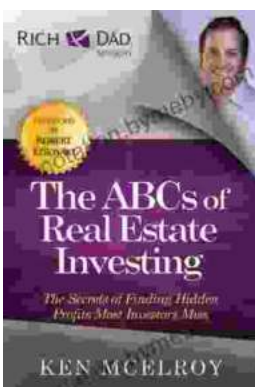


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