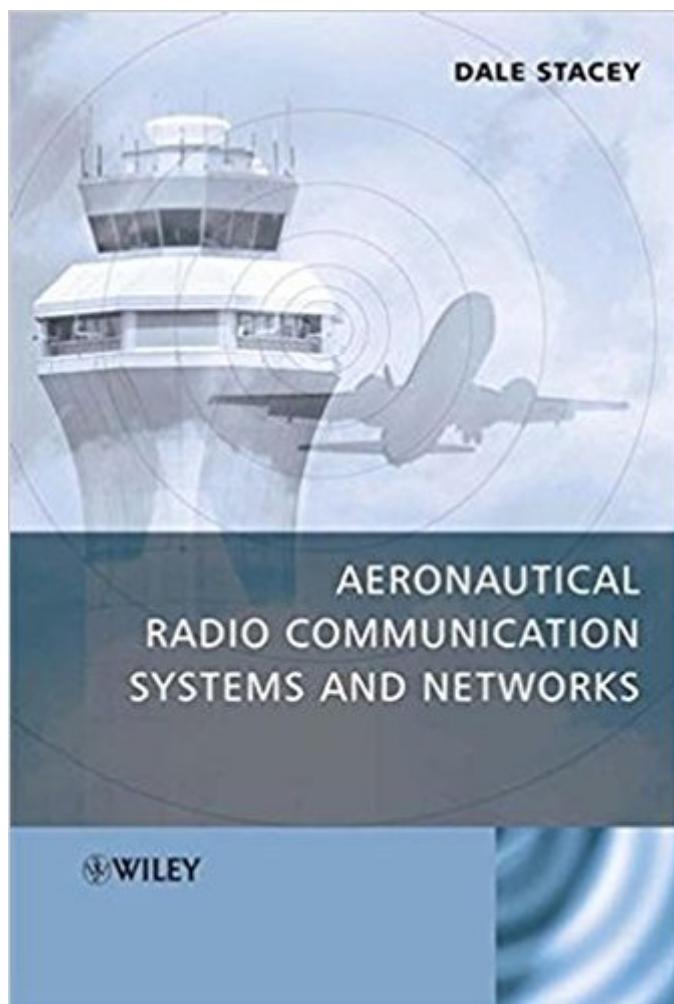**The book was found**

Aeronautical Radio Communication Systems And Networks

Synopsis

Typically, there are over twenty radio systems on board the average commercial jet aircraft dealing with communication, navigation and surveillance functions. Very high frequency (VHF) air-to-ground communication is usually the main method of information and control exchange between pilot and air traffic control. Satellite and high frequency radio links are used to complement this system for long range or oceanic information exchanges. Other communications systems are required between the airline operation centre and the pilot and sometimes between the passengers and the ground. A comprehensive guide to current systems, networks and topologies, this book covers application requirements for communication and related radio-navigation and surveillance functions in aeronautical systems. There is also an insight into future possibilities as technologies progress and airspace operation and control scenarios change. Ideal for civil aviation authorities, airspace management providers and regulatory organizations, Aeronautical Radio Communication Systems and Networks will also appeal to aircraft and radio equipment manufacturers and university students studying aeronautical or electronic engineering. Key features: Provides a broad and concise look at the various communications systems on board a typical aircraft from a theoretical, system level and practical standpoint with worked examples and case studies throughout.   Considers all types of aircraft from light aircraft to large commercial jets and specialised supersonic aircraft.   Looks at existing airport radio communication infrastructure and proposals for new very high bandwidth radio applications within the airport environment.   Provides a complete list of formulae for engineering design analysis and quick checks on system performance or interference analysis.

Book Information

Hardcover: 370 pages

Publisher: Wiley (March 31, 2008)

Language: English

ISBN-10: 0470018593

ISBN-13: 978-0470018590

Product Dimensions: 6.6 x 1 x 9.6 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars   2 customer reviews

Best Sellers Rank: #3,924,002 in Books (See Top 100 in Books)   #64 in Books > Engineering & Transportation > Engineering > Aerospace > Avionics   #1315 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Radio Operation   #1408 in Books > Engineering & Transportation >

Customer Reviews

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I can't see how the previous reviewer liked this book. First, it is full of factual technical ERRORS (see my review on the UK site of for some details). Second, many figures are useless, the writing style is horrible, lots of names and web page URL's are mis-spelled. Apart from that there are a few interesting things, but it is hard work forgetting the above problems in order to extract any good information. Appalling!

I recommend this book for technical and non-technical people, for engineers and non-engineers, who seek a starting point to understand aviation communication. Good organization, good references, good figures, covers in depth most key elements of the aviation comm. System. Worth its price.

Aeronautical Radio Communication Systems and Networks Designing and Deploying 802.11 Wireless Networks: A Practical Guide to Implementing 802.11n and 802.11ac Wireless Networks For Enterprise-Based Applications (2nd Edition) (Networking Technology) The Shadow Radio Treasures (Old Time Radio) (Classic Radio Suspense) Show Networks and Control Systems: Formerly "Control Systems for Live Entertainment" Flight Radio - US Aircraft Frequency Guide - 2017-2018 Edition: Guide to listening to Aircraft Communication on your Scanner Radio Ham Radio For Beginners: The Ultimate Beginners Guide To Start Using Your Amateur Radio Today (Survival, Communication, Self Reliance) Ham Radio: From Zero to Getting a License (Ham Radio Communication, User Guide Book 1) Communication and Communication Disorders: A Clinical Introduction (4th Edition) (Allyn & Bacon Communication Sciences and Disorders) Communication, Media, and Identity: A Christian Theory of Communication (Communication, Culture, and Religion) Dynamic Spectrum Access and Management in Cognitive Radio Networks Points on the Dial: Golden Age Radio beyond the Networks optical communication and splicing: optical networks Communication Networks Solar PV Off-Grid Power: How to Build Solar PV Energy Systems for Stand Alone LED Lighting, Cameras, Electronics, Communication, and Remote Site Home Power Systems Optical Fiber Telecommunications Volume VIB: Systems and Networks (Optics and Photonics) Optical Fiber Telecommunications Volume VIB, Sixth Edition: Systems and Networks (Optics and Photonics) Computer Forensics: Investigating File and Operating Systems, Wireless Networks, and Storage (CHFI), 2nd Edition (Computer Hacking Forensic Investigator) Probabilistic Reasoning in Intelligent Systems: Networks of Plausible Inference (Representation and Reasoning) Computer Networks, Fifth Edition: A Systems Approach (The Morgan Kaufmann Series in Networking) Computer Networks: A Systems Approach (The Morgan Kaufmann Series in Networking)