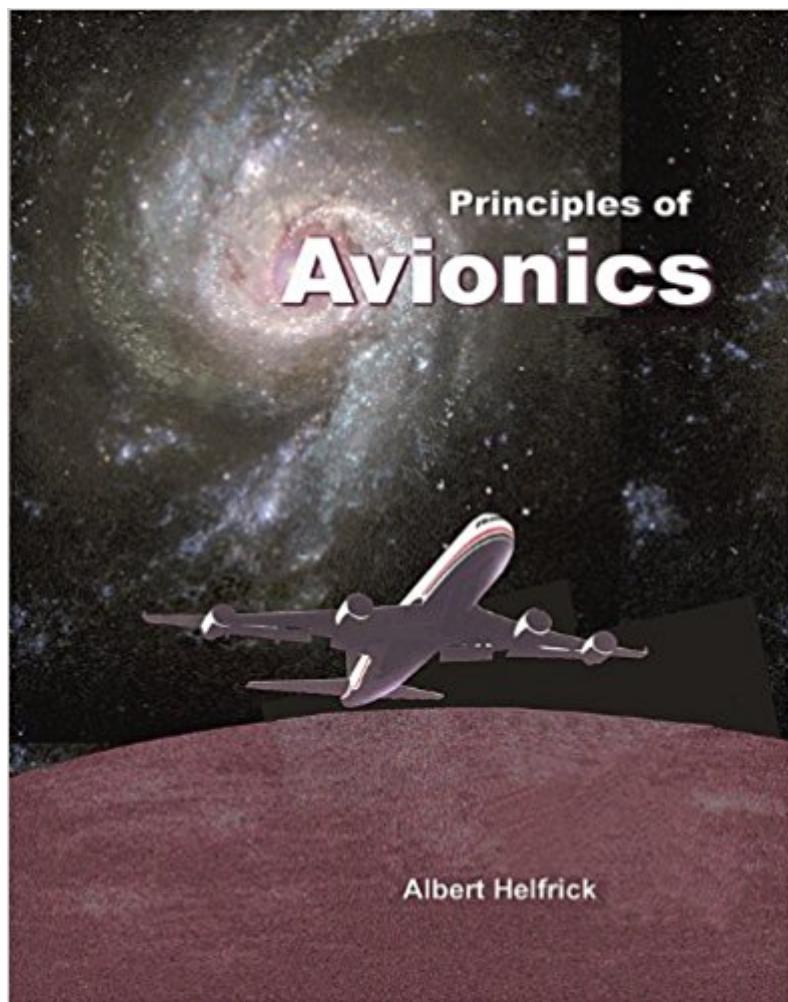


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# Principles Of Avionics - Eighth Edition



## **Synopsis**

Now in its 13th year of publication, "Principles of Avionics" describes every major avionics system, land- and space-based. The latest edition expands coverage of digital avionics, databases and satellite systems. Legacy avionics such as ADF, VOR, DME, ILS, VHF, terrain warning and TCAS are updated with added text and illustrations. The book is widely used in college courses, technical schools, military and government agencies, and corporate libraries. It is the designated text book for avionics seminars held around the world. A Glossary of over 300 terms spells out acronyms used in avionics. Three Appendices show standards affecting avionics (RTCA Documents and ARINC Characteristics) and a table of VOR/DME frequencies and spacing. At the end of each chapter are review questions based on the text. Also available is a DVD containing all images in the book for classroom projection.

## **Book Information**

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## **Customer Reviews**

Dr. Albert Helfrick has been a designer, teacher and author in avionics for over 40 years. He presently is full professor at Embry-Riddle University in the Electrical, Computer, Software and Systems Engineering departments. Earlier, he was Director of Engineering at Tel-Instrument, where he designed avionics test equipment for airline, military and general aviation aircraft. He is a consultant to FAA, NASA and Boeing, and a regular speaker at the annual Digital Avionics System Conference (IEEE/AIAA). Dr. Helfrick holds a BS degree in physics, MS in mathematics and PhD in Applied Science. In addition to teaching at Embry-Riddle, he presents short courses in avionics to airframe and avionics companies throughout the world.

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