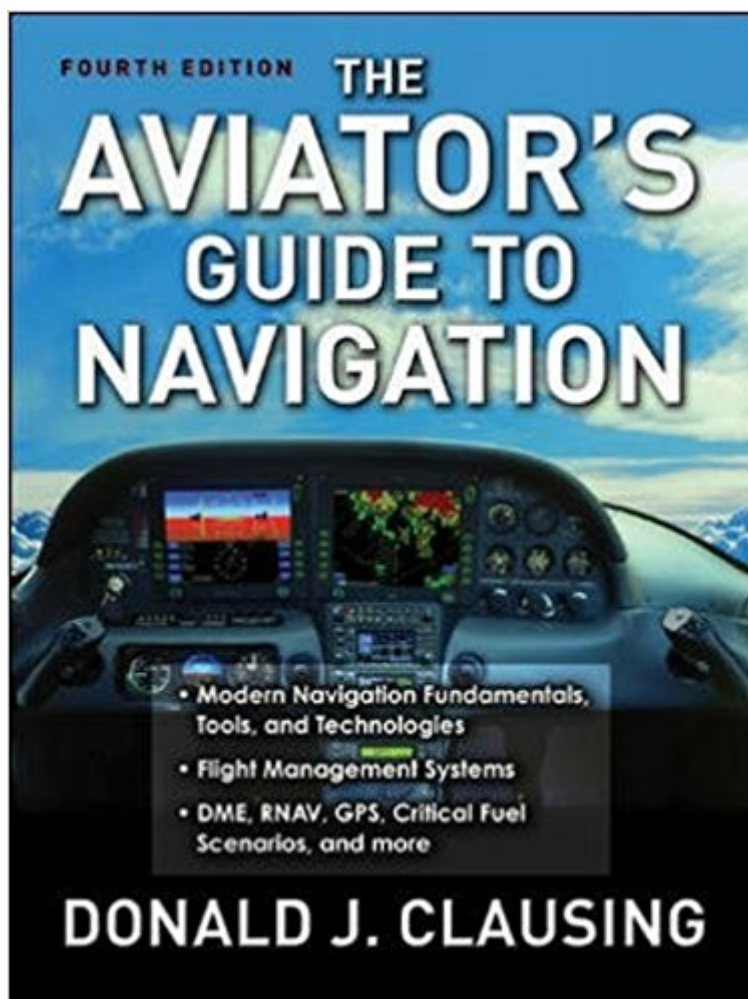


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# The Aviator's Guide To Navigation



## Synopsis

Improve Your Piloting Skills with Today's Best Navigation Guide – Now Updated with the Latest Cockpit Technology and Tools! The Aviator's Guide to Navigation has been revised and updated to equip experienced pilots and aviation students with a complete tutorial on modern navigation systems. From the basics of dead reckoning to the most advanced "glass cockpit" EFIS systems, the Fourth Edition of this comprehensive guide explains the full range of air navigation innovations, covering all the new technologies and tools that have emerged in the past ten years. Readers will find valuable new material on distance measuring equipment (DME), long-range navigation, and The Next Generation Navigation System. Filled with a wealth of detailed illustrations, the Fourth Edition of The Aviator's Guide to Navigation features:

- A highly readable tutorial on navigation fundamentals
- Expert information on cutting-edge navigation tools and technologies that are changing how pilots fly
- New to this edition: New information on GPS navigation and flight management systems, distance measuring equipment, area navigation, critical fuel scenarios, and international operations

Everything a Pilot Needs to Know About Navigation

- Pilotage and Dead Reckoning
- VOR Navigation Fundamentals
- Distance Measuring Equipment
- VOR/DME Navigation
- VOR/DME Area Navigation
- NDB Navigation
- Ground-Based Radar Navigation
- Instrument Approaches
- Principles of Global Navigation
- Loran-C
- Inertial Navigation Systems
- GPS Navigation
- Long-Range and Over-Water Navigation
- Non-Radar Navigation
- Flight Management Systems
- The Next Generation Navigation System
- Appendixes

## Book Information

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## Customer Reviews

IMPROVE YOUR PILOTING SKILLS WITH TODAY'S BEST NAVIGATION GUIDE -- NOW UPDATED WITH THE LATEST COCKPIT TECHNOLOGY AND TOOLS! The Aviator's Guide to Navigation has been revised and updated to equip experienced pilots and aviation students with a complete tutorial on modern navigation systems. From the basics of dead reckoning to the most advanced "glass cockpit" EFIS systems, the fourth edition of this comprehensive guide explains the full range of air navigation systems, covering all the new technologies and tools that have emerged in the past ten years. Readers will find valuable new material on distance measuring equipment (DME), long-range navigation, and The Next Generation Navigation System. Filled with a wealth of detailed illustrations, the fourth edition of The Aviator's Guide to Navigation features:

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- \* Appendixes

Donald J. Clausing is an experienced pilot with more than 14,000 hours. A rated Captain on the Cessna Citation, the Falcon 20, as well as the Boeing 727 and 757/767, he also served as Captain and Check Airman on the Lockheed 1011. Clausing was awarded the Air Medal for his service during the Gulf War. He has written for many aviation magazines, including *Flying*, *Professional Pilot*, *AOPA Pilot*, and *Plane and Pilot*.

Outstanding Book! I am an experienced pilot and bought this book to review some basics on advanced topics regarding global navigation. The book is well written and is a great read for a new or experienced pilot. I highly recommend it to any pilot wanting a good foundation or excellent review of the many different aspects of aircraft navigation. The book specifically covers global

navigation in exceptional detail. Nice job to the author Donald J. Clausing. After reading this book I sought out other titles written by him for personal reading.

Everything one (an amateur like me, SIM person) needs to know about flying is between these two book covers. Covers all subjects that one needs to know and understand. Excellent presentation, great graphics and very clear pictures. Cuts down a lot of searching on the Internet and it's all available in a compact format and easy to understand. The service from is excellent. Great selection and effective search mechanism and impressive delivery. Thank you.

great book

Thank you for your fast service. This book is interesting...

everything was great!

This book deals mainly with the basic "old" stuff. I was expecting to get much more information on using modern navigation systems that are common today - GPS, FMS, EFIS etc.

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