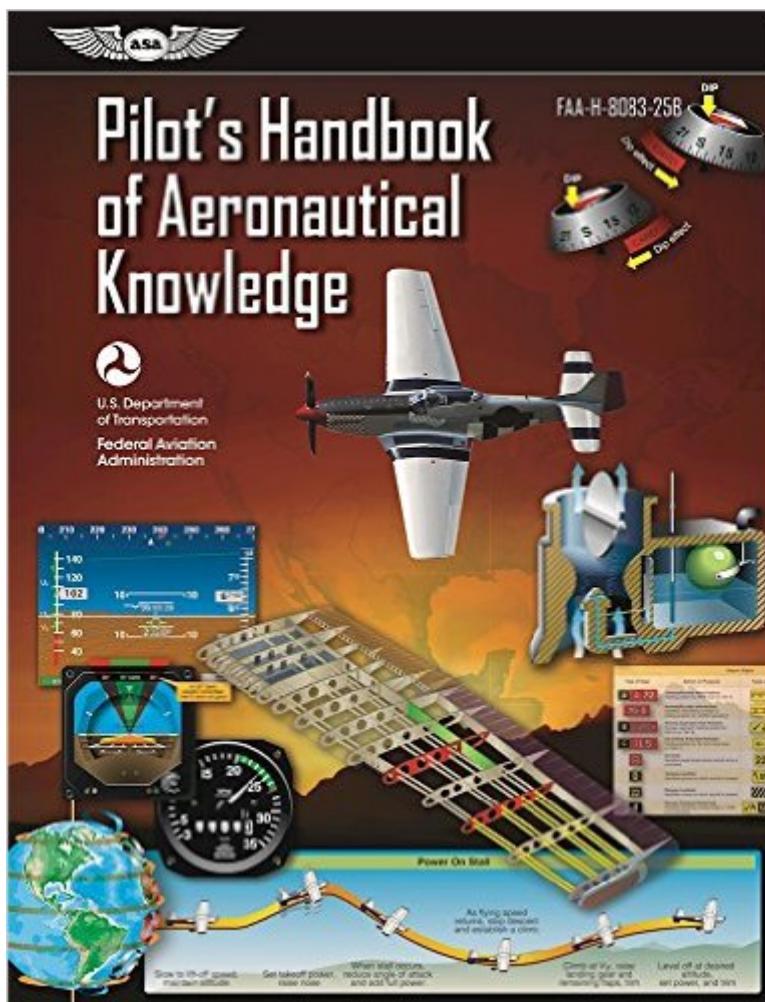


The book was found

Pilot's Handbook Of Aeronautical Knowledge: FAA-H-8083-25B (FAA Handbooks Series)



Synopsis

This official FAA handbook has been required reading for more than 30 years. Providing basic knowledge essential for all pilots, from beginning students through to the more advanced certificates, this Federal Aviation Administration (FAA) publication introduces readers to the broad spectrum of knowledge required as they progress through pilot training. Studying this book, pilots gain the required knowledge to earn a certificate and understand aerodynamic theory associated with airplane flight. Written for the pilot preparing for a Remote, Sport, Private, Commercial, or Flight Instructor Pilot Certificate, it is a key reference for all the information necessary to operate an aircraft and to pass the FAA Knowledge Exam and Practical Test (checkride). This invaluable learning tool begins with a basic introduction to flying and a history of flight, then explores the role of the FAA, criteria for earning the various pilot certificates, how to select a flight school and instructor, and the tests associated with earning a pilot certificate. Topics covered include aeronautical decision making, aircraft construction, principles of flight, aerodynamics of flight, flight controls, aircraft systems, flight instruments, flight manuals and other documents, weight and balance, aircraft performance, weather theory, aviation weather services, airport operations, airspace, navigation, and aeromedical factors. Appendices provide additional support including acronyms, abbreviations, and NOTAM contractions, airport signs and markings, a glossary and index.

Book Information

Series: FAA Handbooks series

Paperback: 528 pages

Publisher: Aviation Supplies and Academics, Inc.; 2016 ed. edition (September 6, 2016)

Language: English

ISBN-10: 1619544733

ISBN-13: 978-1619544734

Product Dimensions: 1 x 8.5 x 11 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #2,165 in Books (See Top 100 in Books) #2 inÂ Books > Engineering & Transportation > Transportation > Aviation > Piloting & Flight Instruction #656 inÂ Books > Reference

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