

The book was found

Airplane Design, Part II : Preliminary Configuration Design And Integration Of The Propulsion System



Synopsis

Airplane Design Part II: Preliminary Configuration Design and Integration of the Propulsion System is the second book in a series of eight volumes on airplane design. The airplane design series has been internationally acclaimed as a practical reference that covers the methodology and decision making involved in the process of designing airplanes. Educators and industry practitioners across the globe rely on this compilation as both a textbook and a key reference. Airplane Design Part II: Preliminary Configuration Design and Integration of the Propulsion System familiarizes the reader with the following fundamentals: - Selection of the overall configuration - Design of cockpit and fuselage layouts - Selection and integration of the propulsion system - Class I method for wing planform design - Class I method for verifying clean airplane maximum lift coefficient and for sizing high lift devices - Class I method for empennage sizing and disposition, control surface sizing and disposition, landing gear sizing and disposition, weight and balance analysis, stability and control analysis and drag polar determination

Book Information

Series: Airplane Design

Paperback: 324 pages

Publisher: DARcorporation (February 15, 2017)

Language: English

ISBN-10: 1884885438

ISBN-13: 978-1884885433

Product Dimensions: 8.5 x 0.7 x 11 inches

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

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #605,740 in Books (See Top 100 in Books) #52 in Books > Engineering & Transportation > Engineering > Aerospace > Propulsion Technology #96 in Books > Engineering & Transportation > Engineering > Aerospace > Aircraft Design & Construction #331 in Books > Textbooks > Engineering > Aeronautical Engineering

Customer Reviews

Dr. Jan Roskam has authored ten books on airplane flight dynamics and airplane design. He co-authored Airplane Aerodynamics and Performance with Dr. CT. Lan. He has written more than 160 papers on these topics and authored the popular Roskam's War Stories. He has actively participated in more than 36 major airplane programs. He retired as Ackers Distinguished Professor

of Aerospace Engineering at The University of Kansas (KU) in 2003, where he taught airplane design, stability and control. Dr. Roskam retired as President of DARcorporation (Design, Analysis and Research Corporation) in 2004. He currently serves as an active consultant for DARcorporation, which develops and markets airplane design and analysis software, and is a successful private and government consulting firm.

Excelent

[Download to continue reading...](#)

Airplane Design, Part II : Preliminary Configuration Design and Integration of the Propulsion System
Airplane Design Part VI : Preliminary Calculation of Aerodynamic Thrust and Power Characteristics
Airplane Design Part I : Preliminary Sizing of Airplanes Learn System Center Configuration Manager
in a Month of Lunches Private Pilot Airman Certification Standards - Airplane: FAA-S-ACS-6, for
Airplane Single- and Multi-Engine Land and Sea (Practical Test Standards series) Commercial Pilot
Airman Certification Standards - Airplane: FAA-S-ACS-7, for Airplane Single- and Multi-Engine Land
and Sea (Airman Certification Standards Series) Airplane Design Part III: Layout Design of Cockpit,
Fuselage, Wing and Empennage: Cutaways and Inboard Profiles (Volume 3) Airplane Design Part
IV: Layout Design of Landing Gear and Systems (Volume 4) M&A Integration: How To Do It.
Planning and delivering M&A integration for business success Pinch Analysis and Process
Integration, Second Edition: A User Guide on Process Integration for the Efficient Use of Energy
TAKING THE FALL - The Complete Series: Part One, Part, Two, Part Three & Part Four PSAT
Exam Flashcard Study System: PSAT Practice Questions & Review for the National Merit
Scholarship Qualifying Test (NMSQT) Preliminary SAT Test (Cards) Engineering Documentation
Control Handbook, Fourth Edition: Configuration Management and Product Lifecycle Management
Basic Solid State Electronics: The Configuration and Management of Information Systems (5
Volume Set) Airplane Design Part VII: Determination of Stability, Control and Performance
Characteristics (Volume 7) ISO 10007:2003, Quality management systems - Guidelines for
configuration management Airplane Design Part V: Component Weight Estimation Airplane Design
Part VIII (Volume 8) Reinforced Concrete: Preliminary Design for Architects and Builders The
Architect's Studio Companion: Rules of Thumb for Preliminary Design

Contact Us

DMCA

[Privacy](#)

[FAQ & Help](#)