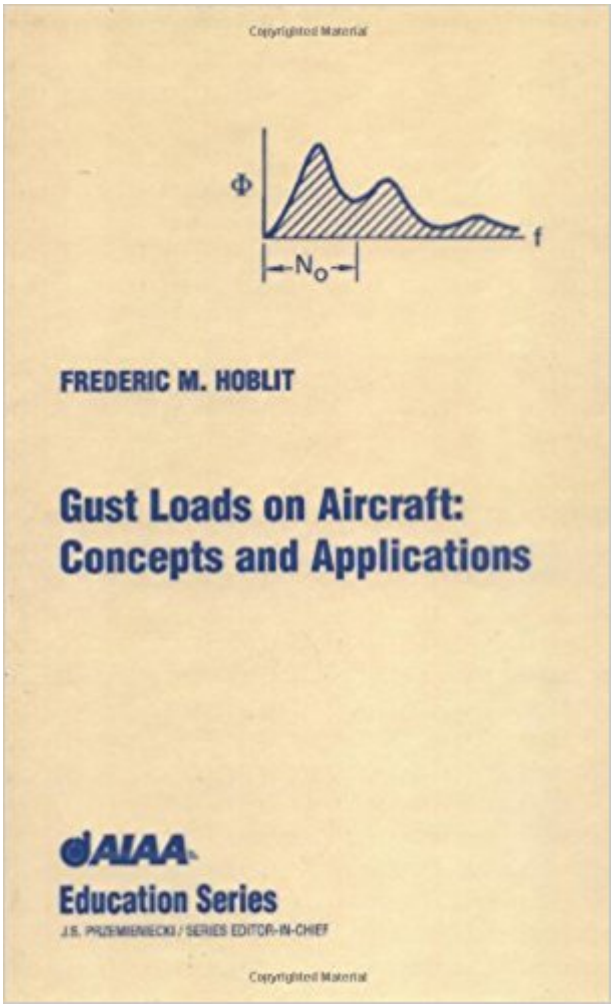
Ebook Directory
the best source of ebook

The book was found

Gust Loads On Aircraft: Concepts & Applications (AIAA Education)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

This is a presentation of the determination of gust loads on airplanes, especially continuous turbulence gust loads. It emphasizes the basic concepts involved and covers relationships, definitions of terminology and nomenclature, historical perspective and explanations of calculations.

Book Information

Series: AIAA Education

Hardcover: 324 pages

Publisher: AIAA; 1St Edition edition (December 26, 2001)

Language: English

ISBN-10: 0930403452

ISBN-13: 978-0930403454

Product Dimensions: 6 x 0.9 x 9 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 4 customer reviews

Best Sellers Rank: #798,339 in Books (See Top 100 in Books) #136 inÃ Â Books > Engineering & Transportation > Engineering > Aerospace > Aircraft Design & Construction #442 inÃ Â Books > Textbooks > Engineering > Aeronautical Engineering #1072 inÃ Â Books > Science & Math > Astronomy & Space Science > Aeronautics & Astronautics

Customer Reviews

Excellent book. Presentation was theoretical but direct. Needed more examples and weight cg vs gust velocity presentations so as to utilize for parametric studies and evaluations. I really needed more parametric studies of vehicle weight and cruise velocity vs gust velocity for for accelerations vs fuselage station evaluations.

Frederic M. Hoblit gave us a good text reference.

I use this book a lot. It’s a starting point to other books and a lot of research papers. If you have anything to do with gust analysis, this is the book to have.

The book covers historical development of gust loads criteria and analytical methods. The author is (rightly so) a leading proponent of power spectral (PSD) continuous turbulence methods for development of design gust loads and fatigue spectra. The author is the primary developer of the

continuous turbulence requirements contained in FAR-25 and various US military specifications.

Download to continue reading...

Gust Loads on Aircraft: Concepts & Applications (AIAA Education) The World Encyclopedia of Aircraft Carriers and Naval Aircraft: An Illustrated History Of Aircraft Carriers And The Naval Aircraft That Launch From ... Wartime And Modern Identification Photographs Aircraft Design: A Conceptual Approach (Aiaa Education Series) Fundamentals of Aircraft and Airship Design (AIAA Education Series) Designing Unmanned Aircraft Systems: A Comprehensive Approach, Second Edition (AIAA Education Series) The Fundamentals of Aircraft Combat Survivability Analysis and Design, Second Edition (AIAA Education) Aircraft Design: A Conceptual Approach, Fourth Edition (AIAA Education) Aircraft Engine Design, Second Edition (AIAA Education) Aircraft Systems: Mechanical, Electrical, and Avionics Subsystems Integration (AIAA Education) Introduction to Aircraft Flight Mechanics: Performance, Static Stability, Dynamic Stability, Classical Feedback Control, and State-Space Foundations (AIAA Education) Thermal Structures for Aerospace Applications (AIAA Education Series) Structural Loads Analysis for Commercial Aircraft: Theory and Practice (American History Through Literature) Angel Investing: The Gust Guide to Making Money and Having Fun Investing in Startups Intermediate Algebra: Concepts & Applications (9th Edition) (Bittinger Concepts & Applications) Helicopter Flight Dynamics (AIAA Education) Elements of Propulsion: Gas Turbines and Rockets, Second Edition (Aiaa Education) Hypersonic and High-Temperature Gas Dynamics, Second Edition (AIAA Education) Introduction to Flight Testing and Applied Aerodynamics (Aiaa Education Series) Hypersonic Airbreathing Propulsion (AIAA Education) Introduction to Aeronautics, Third Edition (AIAA Education Series)

Contact Us

DMCA

Privacy

FAQ & Help