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Introduction to Aeronautics: A Design Perspective, Second Edition. by. Steven A. Brandt. really liked it 4.00 · Rating details · 3 ratings · 0 reviews. A textbook offering a resource for students attempting to understand the methods & thought processes involved in designing aircraft.

Introduction to Aeronautics: A Design Perspective, Second ...

This text and the accompanying AeroDYNAMIC software are designed for use in teaching basic design methods in an introductory course on aeronautics. Brandt (aeronautics, US Air Force Academy) devotes the first chapter of the text to methods of engineering and aircraft design, then covers basic aeronautical engineering methods used in each step of the design process.

Introduction to Aeronautics : A Design Perspective ...

This course provides an introduction to the fundamentals of aeronautics, using a tour through the history of flight, starting with ballooning and continuing on to airplanes and helicopters. Experts from the Faculty of Aerospace Engineering of Delft University of Technology will help you explore and discover the fundamentals of flight, in three blocks.

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This text is a good introduction about aircraft design and covers the basis of various aspects such as aerodynamics, performance, stability & control, structures, sizing and conceptual design. However, this is not an advanced text and I recommend this book only for first or second year aerospace engineering students.

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