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Dr. John J. Bertin, Professor of Aeronautics, is a member of the USAF Scientific Advisory Board, author and co-author of two books, and a world-renowned expert on hypersonic flight. He has over 30 years experience in aircraft design, hypersonic aerodynamics research, and university-level engineering education.

### Amazon.com: Introduction to Aeronautics: A Design ...

Topics include stability, navigation, propulsion and the structure of aircraft. Block two examines the principles of aerodynamics. You will learn for instance how the shape of an airfoil or wing impacts the amount of lift generated.

### Introduction to Aeronautical Engineering | edX

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### 9781624103278: Introduction to Aeronautics, Third Edition ...

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### Introduction to Aeronautics: A Design Perspective by John ...

Introduction to Aeronautics: A Design Perspective shows students the methods and thought processes involved in designing aircraft. They learn by using specific analytical principles, practical examples, and case studies, with corresponding problems to solve.

### Introduction to Aeronautics : Steven Brandt : 9781624103278

Overview. 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.

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