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AIRCRAFT DESIGN. Aircraft Designexplores the conceptual phase of a ?xed-wing aircraft design project. Designing an aircraft is a complex, multifaceted process that embraces many technical challenges in a multidisciplinary envi- ronment. By de?nition, the topic requires intelligent use of aerody- namic knowledge to con?gure aircraft geometry suited speci?cally to a customer's demands.

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Introduction to Aircraft Design (Cambridge Aerospace Series) 1st Edition. by John P. Fielding (Author) 3.9 out of 5 stars 24 ratings. ISBN-13: 978-0521657228. ISBN-10: 0521657229.

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Introduction to Aircraft Design By Prof. Rajkumar S. Pant | IIT Bombay This course is designed to provide students an understanding of procedure followed in conceptual design of an aircraft, meeting the user-specified design requirements and safety considerations specified by the aircraft certification agencies.

Introduction to Aircraft Design—Course

INTRODUCTION. The author and V. C. Serghides have performed statistical analyses to produce combat aircraft reliability and maintainability prediction methods [61]. These are applicable for use at the conceptual design stage, because they only require the use of readily available parameters such as wing span, engine thrust, mass, etc.

The Prediction of Aircraft Reliability—Cambridge Core

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Introduction to Aircraft Design. John P. Fielding. Cambridge University Press, Oct 14, 1999 - Technology & Engineering - 263 pages. 2 Reviews. Here is an accessible introduction to the fundamentals...