

1. Record Nr.	UNISALENT0991003225449707536
Autore	Jenkinson, Lloyd R.
Titolo	Aircraft design projects [e-book] : for engineering students / Lloyd R. Jenkinson, James F. Marchman III
Pubbl/distr/stampa	Oxford ; Boston : Butterworth-Heinemann, 2003
ISBN	9780750657723 0750657723
Descrizione fisica	xx, 371 p. : ill. ; 25 cm
Altri autori (Persone)	Marchman, James F.
Disciplina	629.1341
Soggetti	Airplanes - Design and construction Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Preface; Acknowledgements; Introduction; Design methodology; Preliminary design; Introduction to the project studies; Project study - scheduled long-range business jet; Project study - military training system; Project study - electric-powered racing aircraft; Project study - advanced deep interdiction aircraft; Project study - high-altitude, long-endurance (HALE) uninhabited aerial surveillance vehicle (UASV); Project study - a general aviation amphibian aircraft; Design organization and presentation; Appendices; Index
Sommario/riassunto	Written with students of aerospace or aeronautical engineering firmly in mind, this is a practical and wide-ranging book that draws together the various theoretical elements of aircraft design - structures, aerodynamics, propulsion, control and others - and guides the reader in applying them in practice. Based on a range of detailed real-life aircraft design projects, including military training, commercial and concept aircraft, the experienced UK and US based authors present engineering students with an essential toolkit and reference to support their own project work. All aircraft projects are unique and it is impossible to provide a template for the work involved in the design process. However, with the knowledge of the steps in the initial design process and of previous experience from similar projects, students will be freer to concentrate on the innovative and analytical aspects of their

course project. The authors bring a unique combination of perspectives and experience to this text. It reflects both British and American academic practices in teaching aircraft design. Lloyd Jenkinson has taught aircraft design at both Loughborough and Southampton universities in the UK and Jim Marchman has taught both aircraft and spacecraft design at Virginia Tech in the US. * Demonstrates how basic aircraft design processes can be successfully applied in reality * Case studies allow both student and instructor to examine particular design challenges * Covers commercial and successful student design projects, and includes over 200 high quality illustrations

2. Record Nr.	UNINA9910134131903321
Titolo	Journal of vinyl & additive technology
Pubbl/distr/stampa	[Brookfield, CT], : Society of Plastics Engineers, ©1995-
ISSN	1548-0585
Descrizione fisica	1 online resource
Disciplina	668.4/236
Soggetti	Vinyl polymers Plastics - Additives Polymeres vinyliques Matieres plastiques - Adjuvants Plàstics Polímers vinílics Periodicals. Revistes electròniques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Title from table of contents screen thumbnail image (Wiley InterScience). Published: [Hoboken, N.J. : Wiley Subscription Services, Inc.] : Society of Plastics Engineers, <2005->

