

1. Record Nr.	UNINA9910140607003321
Autore	Austin Reg
Titolo	Unmanned air vehicles : UAV design, development, and deployment // Reg Austin
Pubbl/distr/stampa	Chichester, West Sussex, U.K. ; ; Hoboken, NJ, : Wiley, 2010
ISBN	9786612691065 9781119964261 1119964261 9781282691063 1282691066 9780470664797 0470664797 9780470664803 0470664800
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (364 p.)
Collana	Aerospace Series ; ; v.54
Disciplina	623.74/69
Soggetti	Drone aircraft Airplanes - Radio control Navigation (Aeronautics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	UNMANNED AIRCRAFT SYSTEMS; Contents; Foreword; Acknowledgements; Series Preface; Preface; Units and Abbreviations; 1 Introduction to Unmanned Aircraft Systems (UAS); Part 1 THE DESIGN OF UAV SYSTEMS; Part 2 THE DEVELOPMENT OF UAV SYSTEMS; Part 3 THE DEPLOYMENT OF UAV SYSTEMS; Part 4 UAS FUTURE; Appendix A: UAS Organisations; Index
Sommario/riassunto	Unmanned Aircraft Systems delivers a much needed introduction to UAV System technology, taking an integrated approach that avoids compartmentalising the subject. Arranged in four sections, parts 1-3 examine the way in which various engineering disciplines affect the design, development and deployment of UAS. The fourth section assesses the future challenges and opportunities of UAS. Technological

innovation and increasingly diverse applications are two key drivers of the rapid expansion of UAS technology. The global defence budget for UAS procurement is expanding, and in the future th
