Record Nr. UNINA9910141603103321 Autore Moir I (lan) Titolo Design and development of aircraft systems [[electronic resource] /] / Ian Moir, Allan Seabridge Chichester, West Sussex:,: Wiley,, c2013 Pubbl/distr/stampa **ISBN** 1-5231-1060-0 1-118-46915-1 1-118-46913-5 1-118-46914-3 Edizione [2nd ed.] Descrizione fisica 1 online resource (596 p.) Collana Aerospace series THEi Wiley ebooks Altri autori (Persone) SeabridgeA. G (Allan G.) Disciplina 629.134/1 Soggetti Aeronautics - Systems engineering Airplanes - Design and construction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Introduction -- The aircraft systems -- The design and development process -- Design drivers -- Systems architectures -- Systems integration -- Verification of system requirements -- Practical considerations -- Configuration control -- Aircraft system examples --Power system issues -- Key characteristics of aircraft systems --Conclusions. Sommario/riassunto Now covering both conventional and unmanned systems, this is a significant update of the definitive book on aircraft system design Design and Development of Aircraft Systems, Second Edition is for people who want to understand how industry develops the customer requirement into a fully integrated, tested, and qualified product that is safe to fly and fit for purpose. This edition has been updated to take into account the growth of unmanned air vehicles, together with

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