Design and Development of Aircraft Systems

Ian Moir, Allan Seabridge

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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 updates to all chapters to bring them in line with current design practice and technologies as taught on courses at BAE Systems and Cranfield, Bristol and Loughborough universities in the UK.

Design and Development of Aircraft Systems, Second Edition

- Provides a holistic view of aircraft system design describing the interaction between all of the subsystems such as fuel system, navigation, flight control etc.
- Covers all aspects of design including systems engineering, design drivers, systems architectures, systems integration, modelling of systems, practical considerations, & systems examples.
- Incorporates essential new material on Unmanned Aircraft Systems (UAS).

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