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 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).

*Design and Development of Aircraft Systems, Second Edition* has been written to be generic and not to describe any single process. It aims to complement other volumes in the Wiley Aerospace Series, in particular *Aircraft Systems, Third Edition* and *Civil Avionics*. 
Systems by the same authors, and will inform readers of the work that is carried out by engineers in the aerospace industry to produce innovative and challenging – yet safe and reliable – systems and aircraft.

Essential reading for Aerospace Engineers.

ABOUT THE AUTHOR

Ian Moir

Moir Associates

Allan Seabridge

Aerospace Systems Consultant

SERIES

Aerospace Series

For additional product details, please visit https://www.wiley.com/en-us