

Introduction To Avionics Systems

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Introduction to Avionic Systems, Second Edition explains the principles and theory of modern avionic systems and how they are implemented with current technology for both civil and military aircraft. The systems are analysed mathematically, where appropriate, so that the design and performance can be understood.

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Avionics are the electronic systems used on aircraft, artificial satellites, and spacecraft. Avionic systems include communications, navigation, the display and management of multiple systems, and the hundreds of systems that are fitted to aircraft to perform individual functions. These can be as simple as a searchlight for a police helicopter or as complicated as the tactical system for an airborne early warning platform. The term avionics is a portmanteau of the words aviation and electronics.

Avionics - Wikipedia

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This one-week course is intended to provide the aerospace professional with a technical and practical introduction to the subject of avionics. The course is tailored to provide delegates with a broad overview of the discipline, focusing on functions, supporting technologies and avionic system design considerations.

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