

An undergraduate introductory course to
the fascinating discipline of aerospace
engineering



Manuel Soler is assistant Professor at the Universidad Carlos III de Madrid. He teaches undergraduate and graduate courses in the field of aerospace engineering. His research interests focus on optimal control, aviation environmental fingerprint, and air navigation. In 2013 he was awarded with the SESAR young scientist award.

Fundamentals of Aerospace Engineering is a text book that provides an introductory, thorough overview of aeronautical engineering, and it is aimed at serving as reference for an undergraduate course on aerospace engineering. The book is divided into three parts, namely: Introduction (The Scope, Generalities), The Aircraft (Aerodynamics, Materials and Structures, Propulsion, Instruments and Systems, Flight Mechanics), and Air Transportation, Airports, and Air Navigation. This book is licensed under CC-BY-NC-SA. The electronic version is available in open access at www.aerospaceengineering.es.

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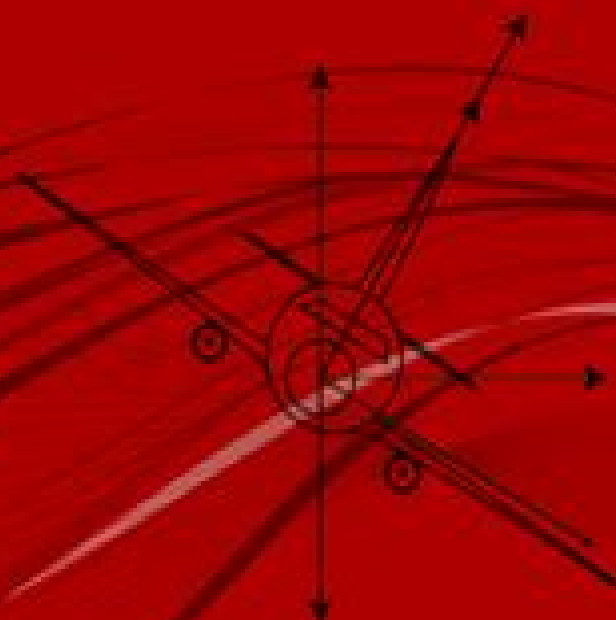


FUNDAMENTALS OF
AEROSPACE ENGINEERING

MANUEL SOLER

FUNDAMENTALS OF AEROSPACE ENGINEERING

An introductory course to aeronautical engineering



MANUEL SOLER

Fundamentals Of Aerospace Engineering

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