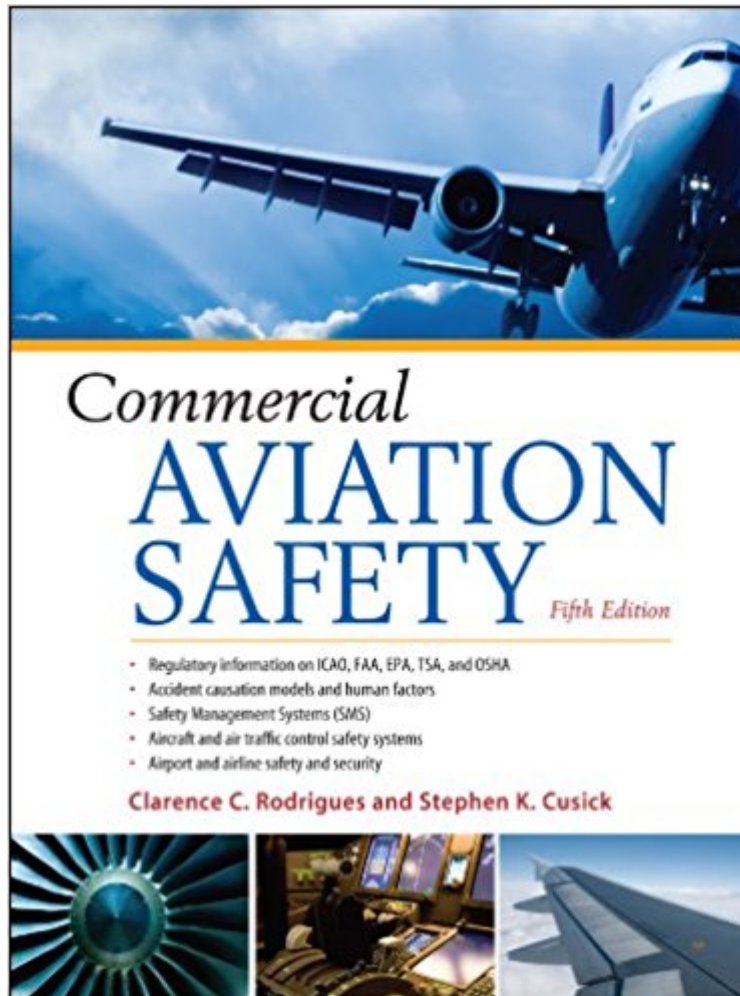


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# Commercial Aviation Safety 5/E



## Synopsis

A Complete, Fully Updated Guide to COMMERCIAL AVIATION SAFETY Presenting the latest procedures and standards from U.S. and international air traffic and regulatory agencies, this extensively revised resource covers the entire commercial aviation safety system--from human factors to accident investigation. The introduction of Safety Management Systems (SMS) principles by the International Civil Aviation Organization (ICAO) is discussed in detail. Commercial Aviation Safety, Fifth Edition delivers authoritative information on today's security concerns on the ground and in the air, changes in systems and regulations, new maintenance and flight technologies, and recent accident statistics. This is the most comprehensive, current, and systematic reference on the principles and practices of commercial aviation safety and security. **COVERAGE INCLUDES:** Regulatory information on ICAO, FAA, EPA, TSA, and OSHA NTSB and ICAO accident investigation processes Recording and reporting of safety data U.S. and international aviation accident statistics Accident causation models The Human Factors Analysis and Classification System (HFACS) Aircraft and air traffic control technologies and safety systems Airport safety, including runway incursions Aviation security, including the 9-11 Commission recommendations International and U.S. Airline Safety Management Systems Aviation Safety Management Systems

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## **Customer Reviews**

As the Vice President for Safety for a large Aviation University I can truly say that Dr. Rodrigues and J.D. Cusick really did a fantastic job with this book. If you think of any aspect of aviation safety they have captured the concept and delivered an excellent and unbiased presentation on how to use the model. They really did their research in presenting new concepts from Safety Management Systems (SMS) to Human Factors models. I think this book has something for everyone, I really liked chapter Thirteen, "Aviation Safety Management Systems". They did a great job in presenting the major components of SMS in an intelligent and concise manner. This book is truly a vital element to any safety library.

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The authors of this book share with you an immense amount of easily understandable detail about aviation safety - where, why, when, there is not a question left unanswered. Full of information, to the point, easy to understand, fun to read, there is no reason not to buy this if you're interested in aviation safety.

The book is logical in its layout and how it introduces the various regulatory bodies of the US and International aviation regulatory agencies. It covers a lot of material from crash investigations to regulatory agencies. The content is introductory in nature - there is only so much you can cover in a textbook. Easy to read and understand.

This book contains a huge amount of important data about safety. It has a lot of details about the aviation industry and recent data in the last aviation accidents. This edition has more information

than the fourth edition, such as information on safety before the 70's and the latest aviation changes and regulations in order to improve safety.

This book has helped with the understanding of how the government and other agencies have reduced the amount of Aviation related accidents. Although, text can be a bit dry at times.

For anyone desiring to enter the field of aviation safety, I can't think of a better reference and starting point.

The book is an excellent reference to Aviation Safety and provides a good foundation of how the system works.

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