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	Autore	Kolle Rainer
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	Sommario/riassunto	Filling a critical gap in aviation engineering literature, this unique and timely resource provides you with a thorough introduction to aviation system security. It enables you to understand the challenges the industry faces and how they are being addressed. You get a complete analysis of the current aviation security standards ARINC 811, ED-127 and the draft SC-216. The book offers you an appreciation for the diverse collection of members within the aviation industry. Moreover, you find a detailed treatment of methods used to design security controls that not only meet individual corporate interests of a stakeholder, but also work towards the holistic securing of the entire industry. This forward-looking volume introduces exciting new areas of aviation security research and techniques for solving today's the most challenging problems, such as security attack identification and response.