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Nota di contenuto	Contents; Preface; List of Acronyms; 1. What Is Avionics Flight Test and Why Do We Need It; 2. Time, Space, Position Information; 3. MIL-STD-1553 and Digital Data Busses: Data Reduction and Analysis; 4. Communications Flight Test; 5. Navigation Systems; 6. Part 23/25 Avionics Civil Certifications; 7. Electro-Optical and Infrared Systems; 8. Radio Detection and Ranging - Radar; 9. Electronic Warfare; 10. Air-to-Air/Air-to-Ground Weapons Integration; 11. A Typical Avionics Integration Flight Test Program; Index
Sommario/riassunto	This unique book serves as both text and practical reference for all personnel involved in avionics and weapons system evaluation and testing, in the air and on the ground. Whether you are training pilots and personnel or actually planning to test systems, this book will provide you with the fundamentals and practical information you need to get the job done. The book is a compilation of experiences and methods from over 25 years in the business and interaction with Test Pilots and Test Engineers over the last 15 years as an Instructor/Director at the National Test Pilot School in Mojave, California.