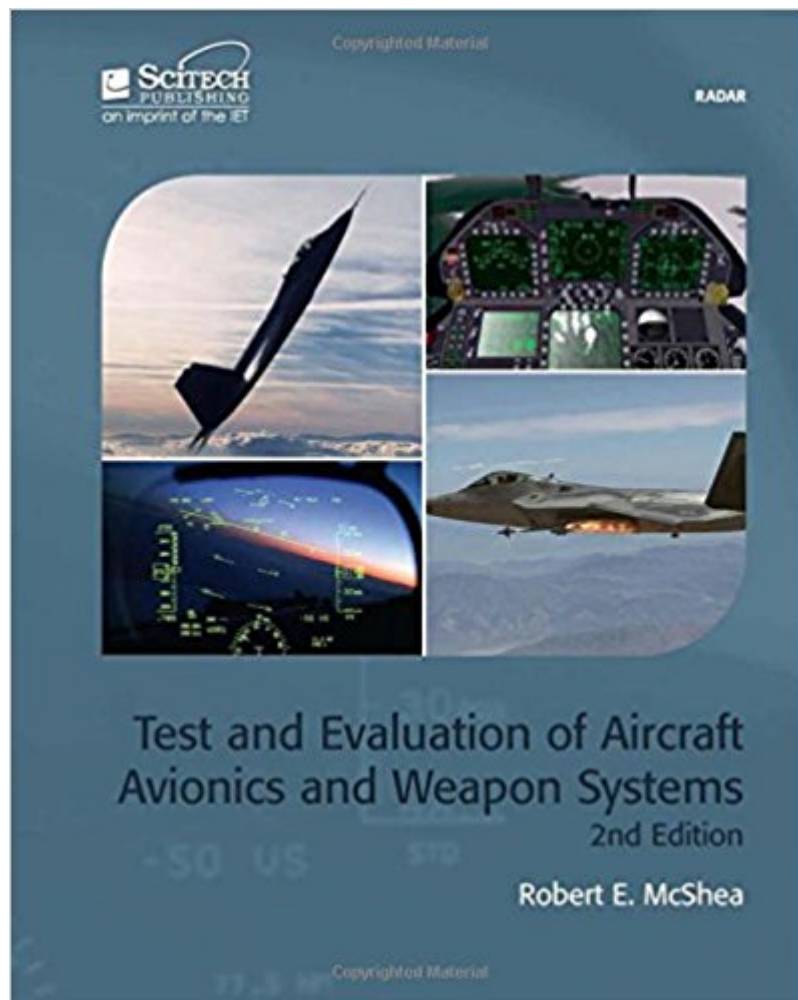




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Test And Evaluation Of Avionics And Weapon Systems (Electromagnetics And Radar)



Synopsis

This text and practical reference for all personnel involved in avionics and weapons system evaluation and testing, in the air and on the ground. Compiled from 25 years of experience and methods from the National Test Pilot School in Mojave, California, this book has been reviewed by a dozen voluntary experts from the military and industry to ensure all critical components are properly covered. It includes "war stories" from actual evaluations and exercises at the end of each chapter, providing instructors with the ability to reinforce critical concepts. This second edition has been updated and expanded by three chapters to include UAV technology, operational test and evaluation and night vision systems and helmet mounted displays and the chapter exercises have also been expanded and revised.

Book Information

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Customer Reviews

"This text is an excellent update of an already valuable reference for the systems flight test professional and should be a ready reference for all flight test engineers and aircrew working in the discipline." (Vernon Gordon, PhD)

Robert B. McShea is the Director, Avionics and Systems Academic Programs at the National Test Pilot School, Mojave, CA and is responsible for the formulation, preparation and instruction of all Avionics and Weapons Systems taught at the school.

This book is a gem! I browsed this book at RadarCon over the last 2 years, and finally decided to buy a copy for detailed reading. The cover title doesn't do justice to the gamut of topics and details covered in the book. For example, coverage on functional safety certification is discussed in detail here. All the different subsystem interfaces and specifications were covered here. It's so much more than a test book, it's a systems guide. Highly recommended for systems engineers and architects!

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