

Robert McShea's Second Edition of Test and Evaluation of Aircraft Avionics and Weapon Systems is a timely update of a highly regarded text. The second edition retains the readability and excellent graphics that made the first edition a useful resource while adding important new material. The updated material on civil certification will prove beneficial to avionics engineers as they prepare their avionics systems to go through FAA certification. With the rapid expansion of Unmanned Air Systems(UAS) in both military and civilian applications the chapter on data links as well as the new chapter on these UAS platforms will benefit engineers and program managers as they migrate from manned aircraft to UAS procurement and testing. Modern aircraft are relying more heavily on night vision devices and helmet mounted display systems. The additional chapter on NVIS and helmet mounted displays provides the flight test professional an excellent overview of the testing methodology for these integrated display systems. Overall, 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.

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