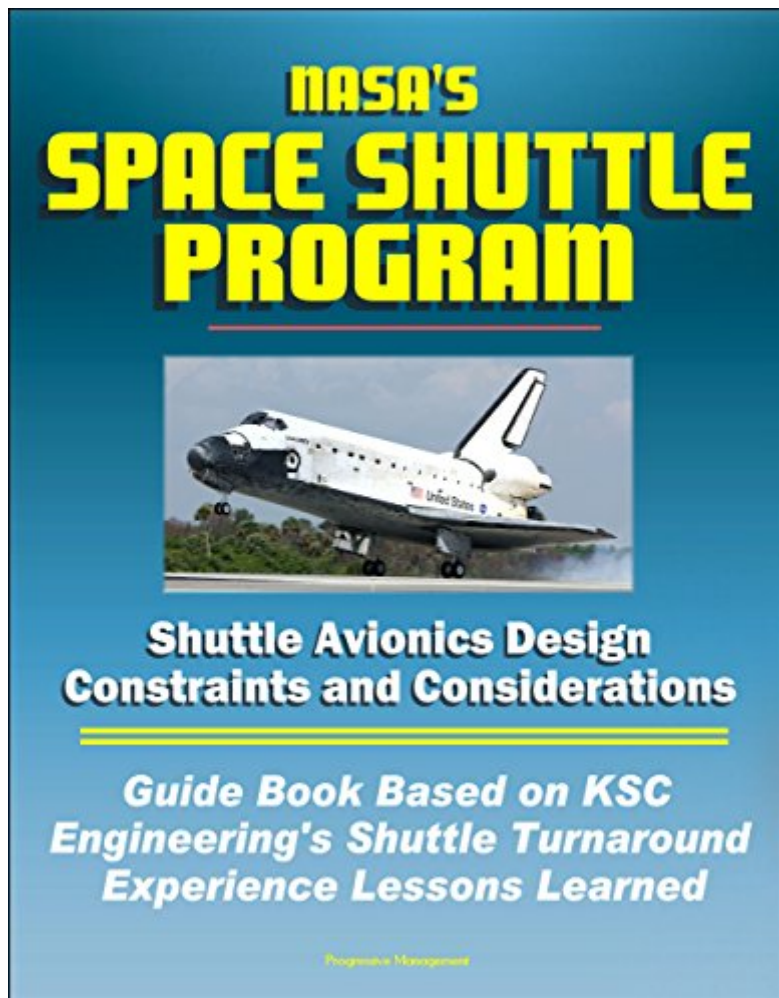




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# **NASA's Space Shuttle Program: Shuttle Avionics Design Constraints And Considerations - Guide Book Based On KSC Engineering's Shuttle Turnaround Experience Lessons Learned**





## Synopsis

This unique NASA report provides information and lessons learned from shuttle avionics testing constraints. Objective - Consolidate within one report the operational Constraints and Considerations for launch site testing of the present Shuttle Avionics systems. Constraint - Testing that requires special vehicle configurations and ground support equipment configurations. Consideration - Testing configurations that have driven special infrastructure/ resource requirements, or have high failure rates. Purpose - To provide to the designers of future avionics systems the information required to possibly design out these concerns.

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