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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.

Contents:

- GENERAL \* 1.
- INSTRUMENTATION COEFFICIENTS \* 2.
- TELEMETRY DATA AVAILABILITY \* 3.
- AVIONICS COOLING \* 4.
- CONNECTOR RETEST \* 5.
- CONNECTOR MATED INDICATION \* 6.
- PARALLEL SWITCH CONTROL \* 7.
- MAN-IN-THE-LOOP \* 8.
- AVIONICS LRU ACCESS / MOUNTING \* 9.
- AVIONICS LRU FASTENING DEVICES \* 10.
- AVIONICS LRU GROUND HANDLING EQUIPMENT \* 11.
- AVIONICS BITE / TEST POINTS \* 12.
- CRITICAL REDUNDANT POWER VERIFICATION \* 13.
- SOFTWARE IN END-ITEM \* 14.
- LOCAL OPF OPERATION \* 15.
- UNPLANNED WORK \* 16.
- VENDOR DRAWINGS \* 17.
- HYDRAULICS \* DPS \* 1.
- MEMORY DUMP & COMPARE \* 2.
- MASS STORAGE DEVICE CAPABILITY \* 3.
- GPC MULTIPLE MEMORY CONFIGURATIONS \* 4.
- LAUNCH BUS SPEEDUP \* 5.
- MDM RETEST \* 6.
- CRT VIDEO OUTPUT \* GNC \* 1.
- INDEPENDENT CONTROL OF ACTUATOR POWER \* 2.
- ENGINE COLLISION \* 3.
- SSME HYDRAULIC CIRCUITS ISOLATION \* 4.
- ENGINE CHANGEOUTS DRIVE CLEARANCE TESTS \* 5.
- SRB TVC FLEX BEARING RESTRICTION \* 6.
- SRB NOZZLE FLEX BEARING TEMPERATURE \* 7.
- EXCESSIVE AEROSURFACE POSITIONING REQUIREMENTS \* 8.
- NOSEWHEEL STEERING (NWS) TESTING \* 9.
- BRAKES/ANTI-SKID MAINTAINABILITY \* 10.
- REACTION CONTROL SYSTEM (RCS) VERNIER DRIVERS \* 11.
- RCS DRIVERS-DRIVER POWER ACTIVATION \* 12.
- ACCELEROMETER ASSEMBLIES (AA) INACCESSIBLE \* 13.
- IMU HEALTH ASSESSMENT \* 14.
- STAR TRACKER LENS & LIGHT SHADE INSPECTION \* 15.
- STAR TRACKER CONTAMINATION \* 16.
- ENTRY AIR DATA SENSORS UNDEPENDABLE \* 17.
- DEPLOYABLE ENTRY AIR DATA PROBES \* TELECOMM \* 1.
- HOLLOW RF WAVEGUIDES THAT PENETRATE PRESSURIZED STRUCTURE \* 2.
- HAZARDOUS RF SYSTEMS & GROUND ANTENNA COUPLER REQUIREMENTS \* RMS \* 1.
- AUDIBLE TESTING \* SSME \* 1.
- SSME INSTRUMENTATION CALIBRATION COEFFICIENTS \* GLOSSARY/ACRONYMS

## Book Information

File Size: 2555 KB

Print Length: 136 pages

Simultaneous Device Usage: Unlimited

Publisher: Progressive Management (August 12, 2014)

Publication Date: August 12, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00MOOL48C

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #2,709,063 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #94

in Books > Engineering & Transportation > Engineering > Aerospace > Avionics #793 in Books

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