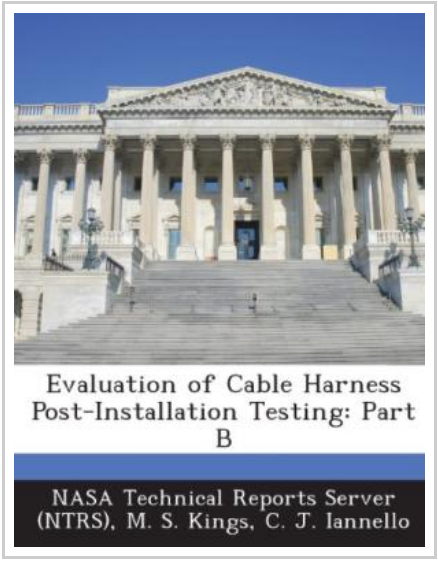

DOWNLOAD

Evaluation of Cable Harness Post-Installation Testing: Part B

By M. S. Kings

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 52 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.The Cable Harness Post-Installation Testing Report was written in response to an action issued by the Ares Project Control Board (PCB). The action for the Ares I Avionics and Software Chief Engineer and the Avionics Integration and Vehicle Systems Test Work Breakdown Structure (WBS) Manager in the Vehicle Integration Office was to develop a set of guidelines for electrical cable harnesses. Research showed that post-installation tests have been done since the Apollo era. For Ares I-X, the requirement for post-installation testing was removed to make it consistent with the avionics processes used on the Atlas V expendable launch vehicle. Further research for the report involved surveying government and private sector launch vehicle developers, military and commercial aircraft, spacecraft developers, and harness vendors. Responses indicated crewed launch vehicles and military aircraft perform post-installation tests. Key findings in the report were as follows: Test requirements identify damage, human-rated vehicles should be tested despite the identification of statistically few failures, data does not support the claim that post-installation testing damages the harness insulation system, and proper planning can reduce overhead associated with testing. The...

READ ONLINE
[5.12 MB]

Reviews

I actually began looking at this pdf. It is actually rally interesting throgh reading time period. You will not really feel monotony at at any time of your respective time (that's what catalogues are for concerning if you ask me).
-- ***Brayan Mohr Sr.***

A superior quality publication along with the font used was fascinating to learn. I have read through and i also am certain that i am going to going to go through yet again again in the future. Your life period will likely be enhance the instant you total reading this publication.
-- ***Donnie Rice***