



A History of the Lightning Launch Commit Criteria and the Lightning Advisory Panel for America's Space Program (Paperback)

By National Aeronautics and Administration

Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Since natural and artificially-initiated (or triggered) lightning are demonstrated hazards to the launch of space vehicles, the American space program has responded by establishing a set of Lightning Launch Commit Criteria (LLCC) and Definitions to mitigate the risk. The LLCC apply to all Federal Government ranges and have been adopted by the Federal Aviation Administration for application at state-operated and private spaceports. The LLCC and their associated definitions have been developed, reviewed, and approved over the years of the American space program starting from relatively simple rules in the mid-twentieth century (that were not adequate) to a complex suite for launch operations in the early 21st century. During this evolutionary process, a Lightning Advisory Panel (LAP) of top American scientists in the field of atmospheric electricity was established to guide it. This history document provides a context for and explanation of the evolution of the LLCC and the LAP. A companion document on the rationale is currently being prepared by the LAP to provide the physical, mathematical, and operational justification for the current LLCC. Lightning that takes...

DOWNLOAD



READ ONLINE

Reviews

Very good eBook and valuable one. This is for anyone who statte that there was not a worth reading. You will not truly feel monotony at at any time of your own time (that's what catalogs are for concerning if you question me).

-- Ms. Ona Muller

Extensive manual! Its this sort of very good study. It is rally fascinating through reading time period. I am just pleased to explain how this is actually the finest publication we have go through during my personal life and can be he greatest ebook for actually.

-- Henri Runolfsdottir