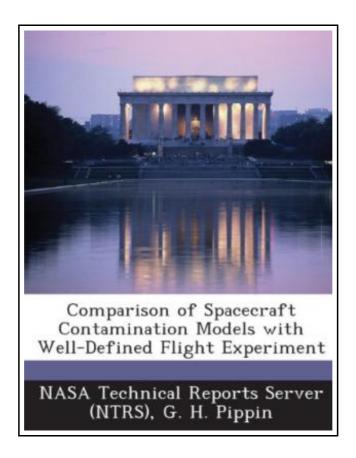
Comparison of Spacecraft Contamination Models with Well-Defined Flight Experiment



Filesize: 2.89 MB

Reviews

This publication will be worth purchasing. It really is writter in simple terms instead of difficult to understand. Its been designed in an exceptionally simple way and is particularly only right after i finished reading this ebook in which basically modified me, alter the way i believe. (Prof. Loyce Runolfsson Jr.)

COMPARISON OF SPACECRAFT CONTAMINATION MODELS WITH WELL-DEFINED FLIGHT EXPERIMENT



To save Comparison of Spacecraft Contamination Models with Well-Defined Flight Experiment eBook, remember to refer to the button under and download the file or get access to other information which are in conjuction with COMPARISON OF SPACECRAFT CONTAMINATION MODELS WITH WELL-DEFINED FLIGHT EXPERIMENT book.

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 282 pages. Dimensions: 9.7in. x 7.4in. x 0.6in.The report presents analyzed surface areas on particular experiment trays from the Long Duration Exposure Facility (LDEF) for silicone-based molecular contamination. The trays for examination were part of the Ultra-Heavy Cosmic Ray Experiment (UHCRE). These particular trays were chosen because each tray was identical to the others in construction, and the materials on each tray were well known, documented, and characterized. In particular, a known specific source of silicone contamination was present on each tray. Only the exposure conditions varied from tray to tray. The results of post-flight analyses of surfaces of three trays were compared with the predictions of the three different spacecraft molecular contamination models. Phase one tasks included: 1) documenting the detailed geometry of the hardware; 2) determining essential properties of the anodized aluminum, Velcro(Tm), silverized Teflon(Tm), silicone gaskets, and DC6-1104(Tm) silicone adhesive materials used to make the trays, tray covers, and thermal control blankets; 3) selecting and removing areas from each tray; and 4) beginning surface analysis of the selected tray walls. Phase two tasks included: 1) completion of surface analysis measurements of the selected tray surface, 2) obtaining auger depth profiles at selected locations, and 3) running versions of the ISEM, MOFLUX, and PLIMP (Plume Impingement) contamination prediction models and making comparisons with experimental results. This item ships from La Vergne, TN. Paperback.

- Read Comparison of Spacecraft Contamination Models with Well-Defined Flight Experiment Online
- Download PDF Comparison of Spacecraft Contamination Models with Well-Defined Flight Experiment

You May Also Like



[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

Follow the web link listed below to download "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" document.

Download ePub »



[PDF] Animalogy: Animal Analogies

Follow the web link listed below to download "Animalogy: Animal Analogies" document.

Download ePub »



[PDF] Good Night, Zombie Scary Tales

 $Follow\ the\ web\ link\ listed\ below\ to\ download\ "Good\ Night, Zombie\ Scary\ Tales"\ document.$

Download ePub »



[PDF] God Loves You. Chester Blue

Follow the web link listed below to download "God Loves You. Chester Blue" document.

Download ePub »



[PDF] DK Readers Robin Hood Level 4 Proficient Readers

Follow the web link listed below to download "DK Readers Robin Hood Level 4 Proficient Readers" document.

Download ePub »



[PDF] Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Follow the web link listed below to download "Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM" document.

Download ePub »