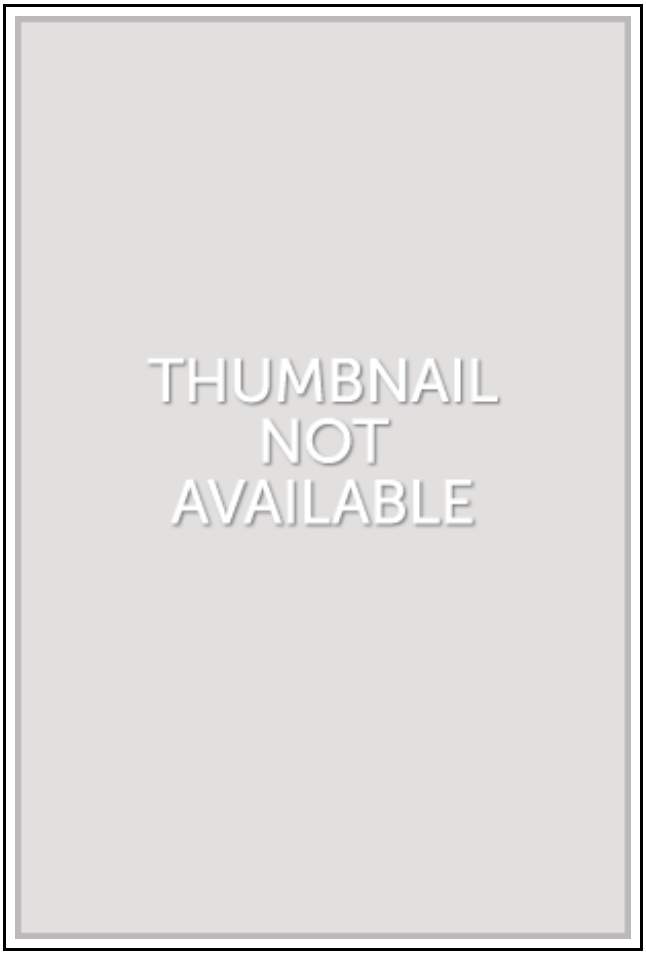
On-Orbit Passive Thermography



Filesize: 1.49 MB

Reviews

It is fantastic and great. This is for those who statte there was not a worth looking at. Its been written in an exceptionally easy way which is only soon after i finished reading this ebook through which in fact changed me, change the way i really believe.
(Barry O'Reilly)

ON-ORBIT PASSIVE THERMOGRAPHY

DOWNLOAD PDF

To get **On-Orbit Passive Thermography** eBook, make sure you access the web link under and save the file or gain access to other information which might be relevant to ON-ORBIT PASSIVE THERMOGRAPHY ebook.

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.On July 12, 2006, British-born astronaut Piers Sellers became the first person to conduct thermal nondestructive evaluation experiments in space, demonstrating the feasibility of a new tool for detecting damage to the reinforced carbon-carbon (RCC) structures of the Shuttle. This new tool was an EVA (Extravehicular Activity, or spacewalk) compatible infrared camera developed by NASA engineers. Data was collected both on the wing leading edge of the Orbiter and on pre-damaged samples mounted in the Shuttle s cargo bay. A total of 10 infrared movies were collected during the EVA totaling over 250 megabytes of data. Images were downloaded from the orbiting Shuttle to Johnson Space Center for analysis and processing. Results are shown to be comparable to ground-based thermal inspections performed in the laboratory with the same type of camera and simulated solar heating. The EVA camera system detected flat-bottom holes as small as 2. 54cm in diameter with 50 material loss from the back (hidden) surface in RCC during this first test of the EVA IR Camera. Data for the time history of the specimen temperature and the capability of the inspection system for imaging impact damage are presented. This item ships from La Vergne,TN. Paperback.

Read On-Orbit Passive Thermography Online
Download PDF On-Orbit Passive Thermography

Related eBooks



[PDF] Molly on the Shore, BFMS 1 Study score

Follow the link under to download and read "Molly on the Shore, BFMS 1 Study score" PDF file.

Save eBook »



[PDF] Yearbook Volume 15

Follow the link under to download and read "Yearbook Volume 15" PDF file.

Save eBook »



[PDF] When Santa Claus Prayed

Follow the link under to download and read "When Santa Claus Prayed" PDF file.

Save eBook »



[PDF] Shepherds Hey, Bfms 16: Study Score

Follow the link under to download and read "Shepherds Hey, Bfms 16: Study Score" PDF file.

Save eBook »



[PDF] By the Fire Volume 1

Follow the link under to download and read "By the Fire Volume 1" PDF file.

Save eBook »



[PDF] Magnificat in D Major, Bwv 243 Study Score Latin Edition

Follow the link under to download and read "Magnificat in D Major, Bwv 243 Study Score Latin Edition" PDF file.

Save eBook »