


ACIS Verification Summary Report

Specification:	ACIS Contract End Item Specification
Requirement Number/Title:	3.3.4.2.1 Nonmetallic Materials (VRSD 3.3.4.2.1)
Requirement Statement: With MSFC approval, certain nonmetallic materials may be required to meet the ultimate loads criterion only.	
Verification Method:	<i>Inspection</i>
Procedure Number:	<i>N/A</i>
Configuration: <i>N/A</i>	
Cycle Time:	<i>N/A</i>
Verification Discussion/Results:	
<p><i>The MIT portion of ACIS has no nonmetallic materials in the structural load path for which the ultimate (or yield) load criteria apply.</i></p> <p><i>Hence, this requirement is satisfied</i></p>	
<p><i>William F. Mayer</i> <i>5/21/97</i> ACIS Cognizant Engineer Date</p>	

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Verification Method:	VERIFICATION OF RECORDS
Procedure Number:	N/A
Configuration:	ACIS INSTRUMENT IN ISIM
Cycle Time:	N/A
Verification Discussion/Results: APPROVED NON-METALLIC MATERIALS HAVE BEEN USED IN THE CONSTRUCTION OF THE THERMAL STANDOFFS AND SHADES PER THE MATERIALS USAGE LIST. PARTS USING NON-METALLIC MATERIALS WERE ALL ANALYZED TO ULTIMATE LOADS CRITERION USING A FACTOR OF SAFETY OF 2.0 (REFER TO SSED3, VOL.2, STRESS ANALYSIS). (SUPPLEMENT TO 36-01510.162, PREVIOUSLY SUBMITTED.)	


ACIS Cognizant Engineer

6/5/97
Date