

ACIS Verification Summary Report

Specification:	ACIS Contract End Item Specification
Requirement Number/Title:	3.2.6.2.3.3 Pressure (VRSD 3.2.6.2.3.3)
Requirement Statement: The pressure inside the shipping container during transportation shall not exceed levels such that the SI's performance will be degraded below the performance requirements stated herein.	
Verification Method:	Validation of Records
Procedure Number:	
Configuration:	
Cycle Time:	
Verification Discussion/Results:	
<p>The only feature of the ACIS which is pressure sensitive is the pressure differential across the Optical Blocking Filters (OBFs) located inside the Detector Housing. The detector housing is hermetically sealed. During transportation, the detector housing is evacuated to less than 10 Torr. This protects the OBFs from any change in pressure and thus any pressure differential across the OBFs. The shipping container is sealed prior to shipment and purged with dry nitrogen. In addition the shipping container contains positive and negative pressure relief to preclude problems caused by increased or decreased atmospheric pressure.</p>	


 ACIS Cognizant Engineer


 Date