

ACIS Verification Summary Report

Specification:	ACIS Contract End Item Specification
Requirement Number/Title:	3.2.2.4 Mounting (VRSD 3.2.2.4-1)
Requirement Statement: The instrument shall be mounted to the spacecraft in accordance with paragraph 3.2.1.2 of the Observatory to Science Instrument ICD.	
Verification Method:	<i>Demonstration</i>
Procedure Number:	<i>N/A</i>
Configuration:	<i>DEA/DPA mounted to Support Structures.</i>
Cycle Time:	
Verification Discussion/Results:	
<p>The MIT portion of ACIS consists of two electronic boxes, DEA and DPA. These two boxes mount to a Support Structure, which mounts to the SIM translation table via four flexures. The mounting holes in the flexures were drilled via a TRW/BASD/COI drill template.</p> <p>This mounting was confirmed via three demonstrations:</p> <ol style="list-style-type: none"> ACIS high fidelity mockup to SIM at BASD. ACIS Vibration test unit to shake fixtures - the shake fixtures had inserts and pins installed at COI. ACIS flight unit to shake fixtures. 	

William Mayer *6/16/97*
 ACIS Cognizant Engineer Date

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Requirement Number/Title:	3.2.2.4 Mounting (VRSD 3.2.2.4-1)
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Requirement Statement: The instrument shall be mounted to the spacecraft in accordance with paragraph 3.2.1.2 of the Observatory to Science Instrument ICD.

Verification Method:	Validation of Records
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Procedure Number:

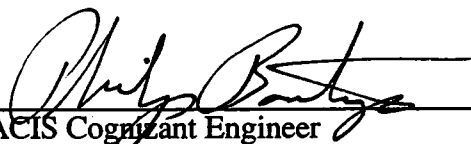
Configuration:

Cycle Time:

Verification Discussion/Results:

ICD Paragraph 3.2.1.2 states that the SI contractor shall provide alignment shims for Science Instrument alignment with the observatory.

ACIS is providing alignment shims for Detector Assembly alignment when mounted on the SIM. The shims are included as part of the Collimator Assembly. The portion of the Collimator drawing, 849AC113200, showing shim details is attached to this response.


 ACIS Cognizant Engineer

6/11/97
Date

