

**ACIS Verification Summary Report**

<b>Specification:</b>	ACIS Contract End Item Specification
<b>Requirement Number/Title:</b>	3.3.3.1.3.1 Boards (VRSD 3.3.3.1.3.1-1)
<b>Requirement Statement:</b> Printed circuit boards shall be designed in accordance with NHB 5300.4(3K). Modifications are permitted with prior MSFC approval.	
<b>Verification Method:</b>	Design Review
<b>Procedure Number:</b>	
<b>Configuration:</b>	
<b>Cycle Time:</b>	
<b>Verification Discussion/Results:</b>	
<p>Printed Circuit Boards (PCBs) for MIT were designed in accordance with the design rules of NHB 5300.4 (3K). These requirements are imposed through the individual drawings for each PCB. The design layouts are checked by MIT prior to PCB fabrication.</p> <p>MIT waiver request 36-006 was submitted to and approved by MSFC, to allow PCB design for Lockheed Martin Astronautics (LMA) to be in accordance with MIL-STD-2118 and IPCD-275. These requirements are imposed through the individual drawings for each PCB. The design layouts are checked by LMA prior to PCB fabrication.</p> <p>Design drawings for all PCB were submitted to MSFC for the Design reviews and were approved by MSFC at that time.</p>	

*Brian Klatt*  
 ACIS Cognizant Engineer

*5/13/92*  
 Date

36-01510.142

**ACIS Verification Summary Report****Specification:** ACIS Contract End Item Specification**Requirement Number/Title:** 3.3.3.1.3.1 Boards (VRSD 3.3.3.1.3.1-1)**Requirement Statement:** Printed circuit boards shall be designed in accordance with NHB 5300.4(3K). Modifications are permitted with prior MSFC approval.**Verification Method:** Design Review**Procedure Number:****Configuration:****Cycle Time:****Verification Discussion/Results:**

Printed Circuit Boards (PCBs) for MIT were designed in accordance with the design rules of NHB 5300.4 (3K). These requirements were imposed through the individual drawings for each PCB. The design layouts were checked by MIT for NHB 5300.4 (3K) compliance prior to PCB fabrication.

MIT waiver request 36-006 was submitted to and approved by MSFC, to allow PCB design for Lockheed Martin Astronautics (LMA) to be in accordance with MIL-STD-2118 and IPCD-275. These requirements were imposed through the individual drawings for each PCB. The design layouts were checked by LMA QC for NHB 5300.4 (3K) compliance prior to PCB fabrication.

Design drawings for all PCB were submitted to MSFC for the Design reviews and were approved by MSFC at that time.

*Brian Klatt*  
ACIS Cognizant Engineer

*7/23/97*  
Date