

CONFORMAL COAT WORK SHEET

Assembly Work Order

Project:

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Assembly Name:	Drawing Number:	Build To Rev.	Assembly Serial Number:
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SPECIAL INSTRUCTIONS:
 -HANDLE PER M.I.T ANTI-STATIC HANDLING PROCEDURE 99-01003
 -REFERENCE DOCUMENTS
 -NASA-STD-8739.3
 -NASA NHB 5300.4(3J)

Step No.	Type	Description	Perf By:	Date
1	I	VERIFY CONFORMAL COAT LOT WITH TEST SAMPLE		
2	P	VERIFY ELECTRICAL TEST ACCEPTANCE		
3	P	VERIFY FINAL CHECKLIST SIGNED OFF		
4	A	CLEAN P.C. BOARD PER NASA-STD-8739.3		
		-CLEAN AND SOAK USING REAGENT GRADE ETHYL ALCOHOL BLOW DRY WITH DRY NITROGEN		
		-SOAK AND RINSE USING REAGENT GRADE ISOPROPYL ALCOHOL BLOW DRY WITH DRY NITROGEN		
		-USE PINK ANTI-STATIC GLOVES FOR HANDLING BOARD AFTER CLEANING		
5	I	M.I.T. Q.A. INSPECT FOR CLEANLINESS		
6	A	DRY P.C. BOARD BY HEATING IN CLEAN OVEN FOR 1 HOUR AT 60C.		
		START: DATE TIME		
		FINISH: DATE TIME		
7	A	REMOVE FROM OVEN AND BAG IN NEW ANTI-STATIC BAG.		
		PURGE WITH DRY NITROGEN AND HEAT SEAL BAG.		
8	A	MOVE TO CLEAN BENCH		
		-MASK LOCATIONS TO BE FREE OF CONFORMAL COATING USING FLIGHT TAPE. LOCATIONS SPECIFIED BY ASSEMBLY DRAWING		
		-SPOT BOND COMPONENTS PER NHB5300.4(3J) USING URALANE 5753A/B.		

		-CURE OVER NIGHT IN CLEAN BENCH. PLACE IN ANTI-STATIC BAG, PURGE WITH NITROGEN AND SEAL.		