

-ESCG-

1. PROJECT CODE SA-AMS		2. JPIC CODE AMS		TASK PERFORMANCE SHEET NASA - LYNDON B. JOHNSON SPACE CENTER																														
3. TYPE	A CONFIGURATION CHANGE <input type="checkbox"/>		4. TPS NO. 2A072002 70		5. PAGE 1 OF 2																													
	PERMANENT <input type="checkbox"/> TEMPORARY <input type="checkbox"/>		6. MOD SHEET(S) NUMBER(S) N/A		7. ORG. EA	8. SYSTEM AMS																												
	B NONCONFIGURATION CHANGE <input checked="" type="checkbox"/>				9. NEED DATE 12/10/07																													
10. PART NAME Vent Valve Bracket Box Blanket Assy			11. PART NO./DRAWING NO. SEG39137630-301		12. SERIAL/LOT NO. 1001																													
14. APPLICABLE DOCUMENTS N/A			15. CONTRACT NO./JOB NO. NNJ05HI05C		13. TIME/CYCLE/SHELF LIFE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO																													
18. SHORT TITLE OF TPS Off-line Fit Check Class I Vent Valve Bracket Box Blkt Assy on AMS at CERN					17. ENG EVAL. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																													
20. OPER. SEQ. NO.					21. OPERATIONS (Print, Type, or Write Legibly) 11-1-07																													
					VERIFICATION																													
					22. TECH																													
					23. QAVD																													
<p>NOTE: This is Crit 3 hardware. The purpose of this TPS is to perform an off-line fit check of the Vent Valve Bracket Box Blanket Assembly onto the Class I AMS hardware at the Center European Research Nuclear (CERN). The fit check will be photo documented and an Installation Procedure TPS will be developed for performing the final installation of the MLI Blanket to the respective AMS component.</p>																																		
1. Open this TPS.					TLW 11-23-07																													
2. Review facility safety procedures before beginning work.					TLW 11-23-07																													
3. Ensure all necessary protective garments are donned according to clean room guidelines in the AMS assembly facility where fit check work will be performed.					TLW 11-23-07																													
4. Locate the following items in CERN Clean Room:					TLW 11-23-07																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>QTY</th> <th>P/N</th> <th>Description</th> <th>S/N</th> <th>L/N</th> <th>Shelf Life</th> <th>Class</th> </tr> </thead> <tbody> <tr> <td>1 ea</td> <td>SEG39137630-301</td> <td>Vent Valve Bracket Box Blkt Assy</td> <td>1001</td> <td>N/A</td> <td>N/A</td> <td>I</td> </tr> <tr> <td>1 roll</td> <td>ST90M078-02</td> <td>Aluminized Mylar Tape</td> <td>N/A</td> <td>01369655-001</td> <td>09/10/08</td> <td>I</td> </tr> <tr> <td>1 spool</td> <td>E779-222-500</td> <td>Fiberglass Lacing Tape</td> <td>N/A</td> <td>4165</td> <td>N/A</td> <td>I</td> </tr> </tbody> </table>							QTY	P/N	Description	S/N	L/N	Shelf Life	Class	1 ea	SEG39137630-301	Vent Valve Bracket Box Blkt Assy	1001	N/A	N/A	I	1 roll	ST90M078-02	Aluminized Mylar Tape	N/A	01369655-001	09/10/08	I	1 spool	E779-222-500	Fiberglass Lacing Tape	N/A	4165	N/A	I
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5. Prepare a clean surface for un-bagging the AMS MLI Blanket.					TLW 11-23-07																													
6. Remove the Vent Valve Bracket Box Blanket Assembly, P/N SEG39137630-301, S/N 1001 from pink poly					TLW 11-23-07																													
7. Perform a visual inspection of the humidity indicators and record percentage reading below Reading: <u>LESS THAN 10%</u>					TLW 11-23-07																													
24. ORIGINATOR T. Wille TERRY WILLE			DATE 11/01/07		25. FINAL ACCEPTANCE STAMP AND DATE 12-4-07																													
APPROVALS (Printed or Typed and Signed)																																		
26. PROJECT ENGINEER J. Cornwell J. Cornwell			DATE 11-01-07		27. QUALITY ENGINEER Steve Caldwell STEVE CALDWELL																													
28. N/A			N/A		29. N/A																													
30. N/A			N/A		31. N/A																													

ORIGINAL
N/A
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TASK PERFORMANCE SHEET CONTINUATION PAGE NASA - LYNDON B. JOHNSON SPACE CENTER	4. TPS NO. 2A0720270 6. MOD NO. N/A	
20. OPFH SEQ. NO	21. OPERATIONS (Print, Type, or Write Legibly)	VERIFICATION
		22. TECH 23. QA/DV
8.	Perform a visual inspection of the MLI Blanket for signs of damage and record any findings. Findings: <u>NO DAMAGE.</u>	TLW 11-23-07
9.	Coordinate with the persons responsible for the integration of the MLI Blanket to the AMS hardware and discuss how the MLI Blanket will be attached to the hardware. After a safe plan of attachment/installation has been agreed on, begin the installation fit check and document the steps taken to perform each task so they can be used for developing a flight installation procedure. Fit Check Steps: <u>① INSTALL MLI ON VENT VALVE BRACKET BOX (DO NOT INSTALL LACING). ② MAKE SURE THE MLI WILL FIT OVER THE VENT VALVE BRACKET BOX BY ONLY MAKING ADDITIONAL SLITS. THAT IS, MAKE SURE THIS MLI CAN BE MODIFIED TO FIT WITHOUT HAVING TO REFABRICATE MLI.</u>	TLW 11-23-07
10.	Perform a visual inspection of the quality of fit of the MLI Blanket onto the AMS hardware and document any modifications that may be necessary. Quality of fit: <u>EXCELLENT.</u> Blanket modifications required: <u>NO MODIFICATIONS REQUIRED.</u>	TLW 11-23-07
11.	Upon completion of the MLI Blanket fit check, remove the MLI Blanket and perform a visual inspection of the MLI Blanket for signs of damage. Record and findings: <u>NO DAMAGE.</u>	TLW 11-23-07
12.	Record locations of any additional penetrations that will be required to allow the attachment of the MLI Blanket to the AMS hardware: <u>NO ADDITIONAL PENETRATIONS.</u>	TLW 11-23-07
13.	Re-bag the AMS MLI Blanket and place it in a protected area for temporary storage.	TLW 11-23-07
14.	Close this TPS.	TLW 11-23-07

