
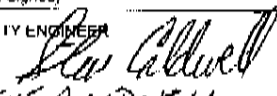


**-ESCG-**

1 PROJECT CODE		2 JPIC CODE		TASK PERFORMANCE SHEET																															
SA-AMS		AMS		NASA - LYNDON B. JOHNSON SPACE CENTER																															
3. TYPE	A	CONFIGURATION CHANGE		<input type="checkbox"/>	4 TPS NO. <b>2A0720264</b>	5. PAGE 1 OF 2																													
	B	PERMANENT	<input type="checkbox"/>	TEMPORARY	<input type="checkbox"/>	6 MOD SHEET(S) NUMBER(S)	7. ORG																												
		NONCONFIGURATION CHANGE		<input checked="" type="checkbox"/>		N/A	EA	8 SYSTEM AMS																											
10. PART NAME		11. PART NO /DRAWING NO.		12. SERIAL/LOT NO.		13. TIME/CYCLE/SHELF LIFE																													
2-Valve GP50 Bracket Box Blkt Assy		SEG39137622-301		1001		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO																													
14. APPLICABLE DOCUMENTS			15. CONTRACT NO./JOB NO.		16. HAZ TEST		17. ENG. EVAL.																												
N/A			NNJ05HI05C		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																												
18. SHORT TITLE OF TPS						19. ADP UPDATE																													
Off-line Fit Check Class I 2-Valve GP50 Brkt Box Blkt Assy on AMS at CERN						<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO																													
20. OPER. SEQ. NO.		21. OPERATIONS (Print, Type, or Write Legibly)				VERIFICATION																													
		<p style="text-align: center;">(ESCG) 11-1-07</p> <p>NOTE: This is Crit 3 hardware. The purpose of this TPS is to perform an off-line fit check of the 2-Valve GP50 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: <table border="1"> <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>SEG39137622-301</td> <td>2-Valve GP50 Brkt 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	SEG39137622-301	2-Valve GP50 Brkt 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	TLW 11-23-07	
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5.		Prepare a clean surface for un-bagging the AMS MLI Blanket.				TLW 11-23-07																													
6.		Remove the 2-Valve GP50 Bracket Box Blanket Assembly, P/N SEG39137622-301, 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>10%</u>				TLW 11-23-07																													
24. ORIGINATOR			DATE		25. FINAL ACCEPTANCE STAMP AND DATE																														
T. Wille TERRY WILLE			11/01/07		 12-4-07																														
26. PROJECT ENGINEER				DATE		27. QUALITY ENGINEER		DATE																											
J. Connell J. Connell				11/01/07		 STEVE CALDWELL		11-1-07																											
28			29		<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>ORIGINAL</b>                      N/A                      Return to Bldg. <u>10</u>                      Rm. <u>114</u> QARC                 </div>			N/A																											
30			31					N/A																											

TASK PERFORMANCE SHEET		4. TPS NO.	5. Page 2 of 2
CONTINUATION PAGE		2A0720266	
NASA - LYNDON B. JOHNSON SPACE CENTER		N/A	
20. OPER 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. ① <u>INSTALL MLI OVER CIRCULATION Z-VALUE GPSO BRACKET BOX (DO</u> Fit Check Steps: <u>NOT INSTALL LACING. ② NOTE ANY AREAS FOR ADDITIONAL PENETRATIONS.</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>GOOD.</u> Blanket modifications required: <u>① ONE ADDITIONAL SLIT ON RIGHT FLAP 4" FROM BOTTOM CORNER THAT IS 1/4" LONG WAS CUT IN THE MLI TO ALLOW IT TO BE INSTALLED.</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>① ONE ADDITIONAL SLIT WAS REQUIRED IN THE RIGHT FLAP 4" FROM BOTTOM CORNER THAT IS 1/4" LONG</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	



12-4-07