

~ESCG~

TASK PERFORMANCE SHEET
NASA - LYNDON B. JOHNSON SPACE CENTER


1. PROJECT CODE SA-AMS	2. JPIC CODE AMS
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3. A CONFIGURATION CHANGE <input checked="" type="checkbox"/>	4. TPS NO. <u>2A0720209</u>	5. PAGE 1 OF 4
PERMANENT <input checked="" type="checkbox"/> TEMPORARY <input type="checkbox"/>	6. MOD SHEET(S) NUMBER(S)	7. ORG. EA
B NONCONFIGURATION CHANGE <input type="checkbox"/>		8. SYSTEM N/A
		9. NEED DATE 9-01-07

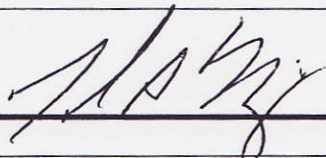
10. PART NAME Lower AMS-02 Integration	11. PART NO./DRAWING NO. SEG39135758-302	12. SERIAL/LOT NO. 1001	13. TIME/CYCLE/SHELF LIFE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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14. APPLICABLE DOCUMENTS N/A	15. CONTRACT NO./JOB NO. NNJ05HI05C	16. HAZ. TEST <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	17. ENG. EVAL. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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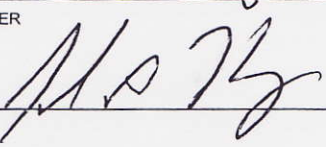
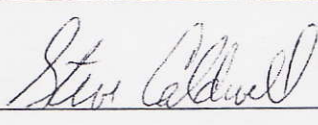
18. SHORT TITLE OF TPS Integration of AMS-02 Lower Experiments to LUSS	19. ADP UPDATE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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20. OPER SEQ. NO.	21. OPERATIONS (Print, Type, or Write Legibly)  9-5-07	VERIFICATION
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1.	<p>Open this TPS.</p> <p>The Jacobs Project Engineer on site has the option to reorder the steps in order to facilitate the logistics of moving around this large hardware.</p> <p>The Collaboration Project engineers have the option to reorder ATS tasks in order to facilitate integration processes.</p> <p>All hardware removed during the performance of this TPS shall be bagged and tagged to identify their P/N and S/N or Lot# if applicable.</p> <p><u>PREPARING THE LUSS FOR INTEGRATION TO THE FLIGHT ECAL</u></p> <p>CAUTION: DO NOT DAMAGE FLIGHT HARDWARE DURING LIFTING AND MANEUVERING OF THE LUSS</p>	22. TECH	23. QA/DV
2.	<p>Clean the Lower USS, lifting hardware and tools prior to moving the LUSS into the cleanroom per AMS-02 Task Sheet</p> <p>(ATS) <u>MITM070807-4</u> Procedure start date <u>9/4/07</u></p> <p>ESCG Designated Verifier (DV) <u>Aig S Clark</u></p> <p>Note: Contact AMS MITeam Engineering as required.</p>		

24. ORIGINATOR John Heilig 	DATE 9-5-07	25. FINAL ACCEPTANCE STAMP AND DATE
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APPROVALS (Printed or Typed and Signed)

26. PROJECT ENGINEER John Heilig 	DATE 9-5-07	27. QUALITY ENGINEER Steve Caldwell 	DATE 9-5-07
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28.	29.	ORIGINAL
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30.	31.	Return to Bldg. <u>10</u>
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Rm. <u>114</u> QARC

TASK PERFORMANCE SHEET

CONTINUATION PAGE
NASA - LYNDON B. JOHNSON SPACE CENTER

4. TPS NO.

2A0720209

6. MOD NO.

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SEQ. NO.

21. OPERATIONS
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VERIFICATION

22. TECH

23. QA/DV

Note: ESCG Designated Verifiers (DV) shall witness and verify all torque applications, confirm the Running (or Run-in) and Final torques, and proper documentation of these torques relative to this procedure and any other sub-process relative to this task. Designated Verifier (DV) shall coordinate with ESCG quality personnel for any additional verification of steps that would normally require a Mandatory Inspection Point or (MIP). ESCG Designated Verifier shall insure compliance with NASA/JSC NT-CWI-001 work instruction.

3. Indicate procedure end date for the Lower USS cleaning, AMS-02 Task Sheet

(ATS) M1TM070807-4 Procedure end date 9/4/07

4. Using 4 straps, strap the LUSS around the four tubes, item 5 and 6 as seen in Figure 2, and attach the other ends of the straps to the crane. Straps should have a WLL of 750 lb each, minimum.

CSC
9/4/07

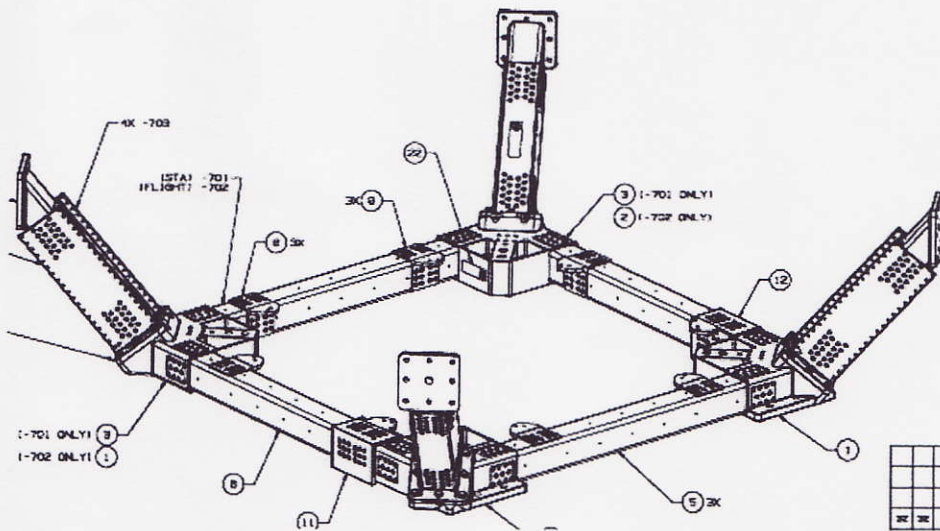


Figure 2

5. Lift the LUSS vertically (Slowly) to clear the storage table.

CSC
9/4/07

6. Handover the LUSS to the ECAL group for movement in the cleanroom.

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9/4/07

7. Install LUSS onto Flight ECAL per AMS-02 Task Sheet

(ATS) ECAL070906-3 Procedure start date 9/11/07

ESCG Designated Verifier (DV) 


9/12/07

Note: Contact ECAL group Engineering as required.

TASK PERFORMANCE SHEET
 CONTINUATION PAGE
 NASA - LYNDON B. JOHNSON SPACE CENTER

4. TPS NO.

2A0720209

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8. Indicate procedure end date for the LUSS onto Flight ECAL, AMS-02 Task Sheet

(ATS) ECAL070906-3 Procedure end date 9/11/07.

9. Install RICH onto Flight LUSS per AMS-02 Task Sheet

(ATS) _____ Procedure start date _____.

ESCG Designated Verifier (DV) _____.

Note: Contact RICH group engineering as required.

Note: ESCG Designated Verifiers (DV) shall witness and verify all torque applications, confirm the Running (or Run-in) and Final torques, and proper documentation of these torques relative to this procedure and any other sub-process relative to this task. Designated Verifier (DV) shall coordinate with ESCG quality personnel for any additional verification of steps that would normally require a Mandatory Inspection Point or (MIP). ESCG Designated Verifier shall insure compliance with NASA/JSC NT-CWI-001 work instruction.

10. Indicate procedure end date for the RICH onto Flight LUSS, AMS-02 Task Sheet

(ATS) _____ Procedure end date _____.

11. Install LTOF onto Flight LUSS per AMS-02 Task Sheet

(ATS) _____ Procedure start date _____.

ESCG Designated Verifier (DV) _____.

Note: Contact LTOF group Engineering as required.

Note: ESCG Designated Verifiers (DV) shall witness and verify all torque applications, confirm the Running (or Run-in) and Final torques, and proper documentation of these torques relative to this procedure and any other sub-process relative to this task. Designated Verifier (DV) shall coordinate with ESCG quality personnel for any additional verification of steps that would

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TASK PERFORMANCE SHEET
 CONTINUATION PAGE
 NASA - LYNDON B. JOHNSON SPACE CENTER

4. TPS NO.

2A0720209

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normally require a Mandatory Inspection Point or (MIP). ESCG Designated Verifier shall insure compliance with NASA/JSC NT-CWI-001 work instruction.

12. Indicate procedure end date for the LTOF onto Flight LUSS, AMS-02 Task Sheet
 (ATS) _____ Procedure end date _____.

13. Close this TPS.