


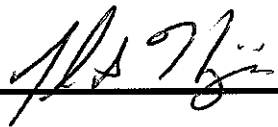




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1. PROJECT CODE SA-AMS		2. JPIC CODE AMS		TASK PERFORMANCE SHEET NASA - LYNDON B. JOHNSON SPACE CENTER															
TYPE	3. A CONFIGURATION CHANGE <input type="checkbox"/>		4. TPS NO. 2A0720177		5. PAGE 1 OF 4														
	PERMANENT <input type="checkbox"/> TEMPORARY <input type="checkbox"/>		6. MOD SHEET(S) NUMBER(S)		7. ORG. EA		8. SYSTEM AMS												
	B NONCONFIGURATION CHANGE <input checked="" type="checkbox"/>						9. NEED DATE 08/15/07												
10. PART NAME Upper USS-02/Payload Assy Shipping			11. PART NO./DRAWING NO. SEG38116929-301		12. SERIAL/LOT NO. N/A		13. TIME/CYCLE/SHELF LIFE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO												
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												
18. SHORT TITLE OF TPS Removal of PSS from the Truck to the Facility at CERN						19. ADP UPDATE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
20. OPER SEQ. NO.		21. OPERATIONS (Print, Type, or Write Legibly)				VERIFICATION													
		 7-30-07				22. TECH													
		<p>1. Open this TPS.</p> <p>2. Contact QAS for MIPs.</p> <p>The Jacobs Project Engineer on site has the option to reorder steps in order to facilitate the logistics of moving around this large hardware.</p> <p>3. Configure the Primary Lifting Fixture (PLF), SEG38117100-701, to Top PSS Lifting Configuration, SEG38117112-307, as shown in figure 1. Attach four (4) Drop Sling Outer C Assembly, SEG38117118-301, to the Primary Lifting Fixture, SEG38117100-701, and torque the swivel hoists to 100 ft-lb.</p> <p>Torque Wrench 034050646 - TORQUELEADER</p> <p>PN BDS 2005 M# 0450415909 Cal Due Date 09/2007</p> <table border="0"> <tr> <td>Sling</td> <td>Final Torque</td> <td>Sling</td> <td>Final Torque</td> </tr> <tr> <td>1.</td> <td><u>105</u></td> <td>2.</td> <td><u>105</u></td> </tr> <tr> <td>3.</td> <td><u>105</u></td> <td>4.</td> <td><u>100</u></td> </tr> </table>				Sling	Final Torque	Sling	Final Torque	1.	<u>105</u>	2.	<u>105</u>	3.	<u>105</u>	4.	<u>100</u>	 8-16-07	
Sling	Final Torque					Sling	Final Torque												
1.	<u>105</u>	2.	<u>105</u>																
3.	<u>105</u>	4.	<u>100</u>																
		 8-16-07																	
24. ORIGINATOR John Heilig 			DATE 7-30-07		25. FINAL ACCEPTANCE STAMP AND DATE														
APPROVALS (Printed or Typed and Signed)																			
26. PROJECT ENGINEER John Heilig 			DATE 7-30-07		27. QUALITY ENGINEER Steve Caldwell 			DATE 7-30-07											
28.					29. ORIGINAL														
30.					31. Return to Bldg. <u>10</u>														
					Rm. <u>114</u> QARC														

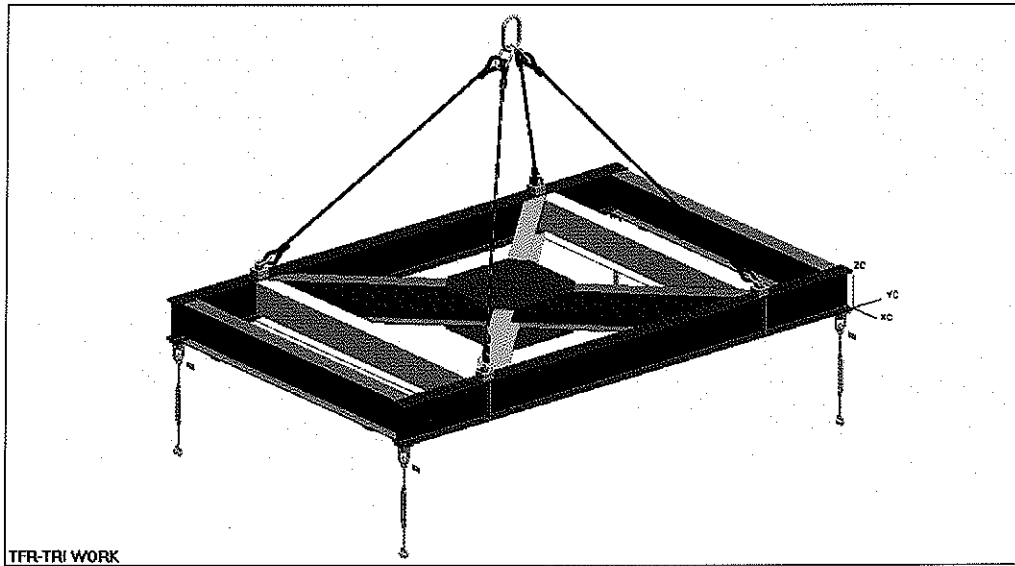
MIP ↑

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		22. TECH	23. QA/DV



TFR-TRI WORK

- 4. Measure the height of the truck bed: .65 meter
 IF THE TRUCK BED IS MORE THAN 0.9 METERS Perform Step 5:
 IF THE TRUCK BED IS LESS THAN 0.9 METERS Perform Step 6:
- 5. If the truck bed is greater than 0.9 meter or 35 in., then move the Primary Support Stand, PSS, to building 887 (for transferring to lower bed truck).
- 5.1 Remove all restraints from the PSS to the truck bed.
- 5.2 Attach the crane hook to the top ring of the Upper Sling, SEG38117113-701, as seen in Figure 1. Alternate connection of the crane to the secondary rings is acceptable if performed by CERN lifting personnel.

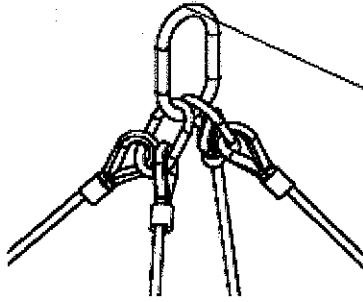


Figure 1

- 5.3 Use the crane and position the PLF over the PSS, and attach the turnbuckles from the PLF to the swivel hoists on the PSS, see Figure 2. Shorten the turnbuckles as required.

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4. TPS NO.

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VERIFICATION

22. TECH

23. QA/DV

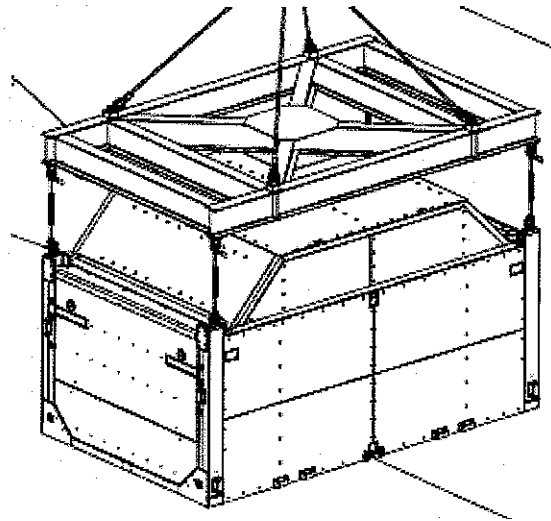


Figure 2

- 5.4 Raise the PSS from the truck bed and place it onto the lower truck bed.
- 5.5 Secure the PSS to the lower truck bed as required.
- 5.6 Disconnect the turnbuckles from the PLF to the swivel hoists on the PSS and place the PLF on another truck.
- 5.7 Using the lower truck bed, ship the PSS from building 887 to building 867.
- 5.8 Attach the PLF to the crane at building 867.
- 5.9 Attach the crane hook to the top ring of the Upper Sling, SEG38117113-701, as seen in Figure 1. Alternate connection of the crane to the secondary rings is acceptable if performed by CERN lifting personnel.
- 5.10 Use the crane and position the PLF over the PSS, and attach the turnbuckles from the PLF to the swivel hoists on the PSS, see Figure 2. Shorten the turnbuckles as required.
- 5.11 Remove all restraints from the PSS to the truck bed.
- 5.12 Raise the PSS and move to a secure work area outside of the clean room. Place on CERN provided air pads for ground movement into the cleanroom processing without further PSS lifts.
- 5.13 Disconnect the downslings from the Primary Lifting Fixture, PLF, SEG38117100-701. Store the PLF for reuse.
- 6. Ship the PSS to building 867.

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6. MOD NO.

20. OPER SEQ. NO.	21. OPERATIONS (Print, Type, or Write Legibly)	VERIFICATION	
		22. TECH	23. QADV
6.1	Attach the PLF to the crane at building 867.	JH 8-16-07	
6.2	Attach the crane hook to the top ring of the Upper Sling, SEG38117113-701, as seen in Figure 1. Alternate connection of the crane to the secondary rings is acceptable if performed by CERN lifting personnel.	JH 8-16-07	
6.3	Use the crane and position the PLF over the PSS, and attach the turnbuckles from the PLF to the swivel hoists on the PSS, see Figure 2. Shorten the turnbuckles as required.	JH 8-16-07	
6.4	Remove all restraints from the PSS to the truck bed.	JH 8-16-07	
6.5	Raise the PSS and move to a secure work area outside of the clean room. Place on CERN provided air pads (6 locations) for ground movement into the cleanroom without further PSS lift.	JH 8-16-07	
6.6	Disconnect the downslings from the Primary Lifting Fixture, PLF, SEG38117100-701. Store the PLF for reuse.	JH 8-16-07	
7.	Close this TPS.		