

G 6268

GOVERNMENT CERTIFICATION APPROVAL REQUEST
NASA - Johnson Space Center

1.			
2. Date: June 12, 2017		3. Reference No.:	
4. Top Assy. Part Number SEG33124838-301		5. Top Assy. Part Name Li-ION Rechargeable EVA Battery Assembly	
6. System EVAS			
7. Sub Assy. Part Number		8. Sub Assy. Part Name	
9. Rev. Letter: N/A		10. Revision Summary: N/A	
11. Retiring Certification: N/A			
12. SSM/PM: Samuel Russell		13. Phone: (281) 483- 8721	14. Mail Code: EP511
15. Manifest Change Directive / Board/Panel Name: EVA-01276, SSCN 15410			
16. Program: ISS			
17. Project Requirements Doc. No. JSC 66381	18. Verification Doc. No. JSC 63381 Rev A	19. ICD / IDD / IRD No. JSC 66386 Rev A, SSP-50835D, PIRN- NA-0017A	20. PMP No. JSC 33147 JSC 66379
21. SAR / RAESR Doc. No. SDP 28456	22. FMEA / CIL Doc. No. See block 25	23. Criticality 1	24. CILs (Y or N) N (if Y, see field 133)
25. Criticality Rationale Summary: See FMEA Data Base Records 20304, 20305, 20306, 20307, 20308, 20309, Crit 1 Safety, 2NR Functional			
26. Certification Expiration Date End of ISS (see field 135)	27. Limited Life Doc. No. EP-15-015	28. Weight <= 12.0 lbs	29. Dimensions 20.50 x 10.50 x 1.75 inches
OPERATIONAL INFORMATION:			
30. Launch Locations & Configurations: Soft-stowed on any cargo launch vehicle indentified in SSP 50835, ISS Common Interface Requirements Document, section 3.1.1.2. The LREBA is stored in the EVA Battery Operations Terminal (EBOT) until required for use. Protective covers are installed over the connectors for stowage. On-Orbit stowage voltage - the LREBA must be stored at 50% SOC or less (15.0-18.8V, charge configuration). On-orbit stowage is the period time when there are no planned EVAs for ISS within the current battery maintenance interval. *Maximum environment set used for certification.			
31. Return Locations & Configurations: Soft-stowed on any cargo launch vehicle indentified in SSP 50835, ISS Common Interface Requirements Document, section 3.1.1.2. *Maximum environment set used for certification.			

Approvals: (Print, Sign, and Date)

170. Prepared by: <i>Sylvia Gomez</i> <i>Sylvia Gomez</i> <i>6/13/17</i>	174. (if required) JSC Structures and (if required) SR&QA Structures: <i>ES2/Greg Galle</i> <i>Greg Galle</i> <i>6/19/17</i>
171. Subsystem Manager: <i>Samuel Russell</i> <i>Samuel Russell</i> <i>6/13/17</i>	175. (if required) JSC Battery Manager: <i>Dave Dill</i> <i>Dave Dill</i>
172. JSC GFE Assurance Engineer and (if required) JSC Safety Manager: <i>Gy Wyle</i> <i>Gy Wyle</i> <i>6/14/17</i>	176. (if required) JSC Software Assurance Engineer:
173. Program / Project Office: <i>T. Tripathi</i> <i>T. Tripathi</i> <i>6/26/17</i>	177. (if required) JSC Materials Control Manager:

JSC Form 1296 (Rev August 21, 2012) (MS Word October 2001)

<http://forms.jsc.nasa.gov/>

Instructions: JSC Form 1296A