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| jpl_clr | | PROJECT | | | | | | | | | **SUPPORT EQUIPMENT**  **CERTIFICATION RECORD (SECR)** | | | | | | | | **SECR NUMBER** | | | |
| **SUBSYSTEM** | | | | | | **Document Archive Location:** | | | | | | | **COG. ENGR.** | | | | **EXT.** | | | **SECTION** | **DATE** | |
| **PART REF. DESIGNATOR** | | | **Part No/Drawing No/**  **Software Configuration ID** | | | | | | **Drawing Revision** | | | **SERIAL**  **NUMBER** | **SUPPORT EQUIPMENT DESCRIPTION** | | | | | | | | **FINAL INSPECTION REPORT NO. (and/or SOFTWARE EVALUATION REPORT)** | |
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| **CHECK APPLICABLE ANSWERS AND GIVE NECESSARY**  **EXPLANATION IN REMARKS COLUMN** | | | | | | | | | | | | | **YES** | **NO**  **(NONE)** | **N/A** | **REMARKS AND/OR ADDITIONAL INFORMATION:**  **UTILIZE ADDITIONALSHEET(S) IF NECESSARY** | | | | | | |
| 1 | Have all acceptance and/or functional tests been satisfactorily completed?  (*Provide Test Data and/or Reports and Identify document(s) repository*) | | | | | | | | | | | |  |  |  |  | | | | | | |
| 2 | Does this support equipment meet all the design and functional requirements? | | | | | | | | | | | |  |  |  |  | | | | | | |
| 3 | Was equipment (hardware and/or software) satisfactorily operated with the  intended interfaces in the subsystem? (*Explain in Remarks Section*)  Indicate: Flight EM BB Simulator  Other | | | | | | | | | | | |  |  |  |  | | | | | | |
| 4 | Is this equipment identical to other units delivered to SIT/ATLO?  (*Identify differences, if any*) | | | | | | | | | | | |  |  |  |
| This is unit | | | of 1, 2, 3, |  | | |  | | | | |
| 5 | Does the electrical interface meet the requirements of the circuit data sheets? | | | | | | | | | | | |  |  |  |
| 6 | Is the GSE FTA or FMEA complete and without liens? | | | | | | | | | | | |  |  |  |
| 7 | Is the equipment calibration current? ( *Provide expiration date(s)* ) | | | | | | | | | | | |  |  |  |
| 8 | Have P/FR’s, Waivers, IRs, Review Action Items, and ECRs that affect this  equipment been closed? *If no, attach a list of open items* | | | | | | | | | | | |  |  |  |
| 9 | Is there any additional work that needs to be completed? *List any shortages* | | | | | | | | | | | |  |  |  |
| 10 | Have manuals, user guides, procedures, drawings, schematics, Release  Description Documents (RDD) or mechanical assembly/usage instructions been  provided? (*Identify document(s) repository*) | | | | | | | | | | | |  |  |  |
| 11 | Are there any handling or operational requirements and/or constraints for this  equipment? (*Identify document(s) repository*) | | | | | | | | | | | |  |  |  |
| 12 | Does this equipment comply with the Safety requirements of D-51956 and  DocID 34880? (*Identify any non-compliances*) | | | | | | | | | | | |  |  |  |
| a) For MGSE, is the proof testing certification current? (Provide expiration  date(s) and IBAT number(s)) | | | | | | | | | | | |  |  |  |
| b) Does this equipment meet lateral stability requirements and include positive  locking features? | | | | | | | | | | | |  |  |  |
| c) For MGSE, does the equipment meet the design safety factors of D-51956 or  other relevant requirements? *(Provide applicable margin table or analysis*) | | | | | | | | | | | |  |  |  |
| 13 | For EGSE, is there a means to safe the equipment in emergency situations? | | | | | | | | | | | |  |  |  |
| 14 | For EGSE, is over-voltage/over-current/ground fault protection in place and  verified? | | | | | | | | | | | |  |  |  |
|  | Is software a part of this support equipment delivery? | | | | | | | | | | | |  |  |  |
| 15 | a) If yes, are all operational workarounds, idiosyncrasies, and constraints  adequately described in the user/operational manual or equivalent? | | | | | | | | | | | |  |  |  |
| b) If yes, is all software and/or firmware used in the development under  configuration management control and released? (*This includes the source*  *code, compiler, operating system, and tools used to create this delivery*) | | | | | | | | | | | |  |  |  |
| c) If yes, are the storage media/locations, access methods, and installation  instructions for this software identified in the RDD or equivalent? | | | | | | | | | | | |  |  |  |
|  | Does this equipment contain any Safety-critical software? | | | | | | | | | | | |  |  |  |
| 16 | a) If yes, does it meet the software safety requirements in DocID 34880 and  DocID 57653? (*Identify any non-compliances*) | | | | | | | | | | | |  |  |  |
| b) If yes, have all hazards pertaining to this software been identified and  appropriate actions taken to ensure that the hazards will not occur during  planned use? | | | | | | | | | | | |  |  |  |
| 17 | (Project optional additional question) | | | | | | | | | | | |  |  |  |
| 18 | Does equipment meet Clean Room Compatibility requirements? | | | | | | | | | | | |  |  |  |
| 19 | Does equipment meet Contamination Control requirements? | | | | | | | | | | | |  |  |  |
| 20 | Is this equipment acceptable for SIT/ATLO integration and testing? | | | | | | | | | | | |  |  |  |
| COGNIZANT ENGINEER | | | | | | | DATE | | | DELIVERING PDM | | | | | | DATE | | SIT/ATLO QA | | | | DATE |
| DELIVERING QA | | | | | | | DATE | | | SIT/ATLO MANAGER | | | | | | DATE | | SOFTWARE QA/SOFTWARE SYSTEM ENGINEER | | | | DATE |
| jpl_clr | | PROJECT | | | | | | | | | **SUPPORT EQUIPMENT**  **CERTIFICATION RECORD (SECR)** | | | | | | | | **SECR NUMBER** | | | |
| **SUBSYSTEM** | | | | | | **Document Archive Location:** | | | | | | | **COG. ENGR.** | | | | **EXT.** | | | **SECTION** | **DATE** | |
| **PART REF. DESIG.** | | | **Part No/Drawing No/**  **Software Configuration ID** | | | | | | **Drawing Revision** | | | **SERIAL**  **NUMBER** | **SUPPORT EQUIPMENT DESCRIPTION** | | | | | | | | **FINAL INSPECTION REPORT NO. (and/or SOFTWARE EVALUATION REPORT)** | |
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| **INSERT ADDITIONAL EXPLANATION AND/OR REMARKS HERE** | | | | | | | | | | | | | | | | | | | | | | |