|  |
| --- |
| **EMERGENCY LIFE RAFT ASSY ANNUAL INSPECTION**  |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **P/N** | **S/N** | **D.O.M** |
| Left-hand life raft assembly |  |  |  |
| Life raft assembly |  |  |  |
| Reservoir assembly |  |  |  |

**COMPONENT DETAIL:**

|  |  |  |  |
| --- | --- | --- | --- |
| Cylinder Last Hydro Date  |  | Pressure |  |

**WARNINGS****• The life raft surface is easily damaged by sharp or abrasive object. Do not use pointed or sharp edges tools when you touch or move the life raft. Do not put the life raft on surfaces which have sharp edges or abrasive objects. Do not wear clothes that can damage the life raft fabric.** **• Be careful not to pull the control cable. The high pressure in the charge vessel can possibly cause a fire of the subsystem. Also the leak of the high pressure gas can cause injury to the personnel.** **Caution****Only approved persons are permitted to do this procedure.** |  |  |  |
|  **1. Life raft container (left/right) – DISASSEMBLE PROCEDURE** |
| 1.1 | I.A.W AW189 AMP 89-A-25-63-09-01A-530A-B.Remarks:  |  |  |  |
| **2. LIFE RAFT CONTAINER (LEFT/RIGHT) – ASSEMBLE PROCEDURE** |
| 2.1 | I.A.W AW189 AMP 89-A-25-63-09-00A-710A-B.Remarks:   |  |  |  |
| **3. LIFE RAFT (LIFE RAFT CONTAINER) – OPERATION UNFOLD / FOLD PROCEDURES** |
| 3.1 | I.A.W AW189 AMP 89-A-25-63-09-01A-100D-B.Remarks:  |  |  |  |
| **4. LIFE RAFT (LIFE RAFT CONTAINER ) – DETAILED INSPECTION** |
| 4.1 | I.A.W AW189 AMP 89-A-25-63-09-01A-31AA-B.Remarks:  |  |  |  |
| **5. LIFE RAFT (LIFE RAFT CONTAINER ) – FUNCTION TEST** |
| 5.1 | I.A.W AW189 AMP 89-A-25-63-09-01A-340A-B.Remarks:  |  |  |  |
| 5.2 | **Transfer Valve Pressure Test :**

|  |  |
| --- | --- |
|  | **OPENING VALVE** |
| **Upper Tube** |  |
| **Lower Tube** |  |

**Note :****Make sure that the air pressure that you recorded is not more than 5.7 kPa (0.82 lbf/in2).**Pass ( ) Fail ( )Remarks:  |  |  |  |
| 5.3 | **Perform Air Retention Test Stabilizing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Period** | **Pressure (PSI)** | **Ambient Temperature (°C)** | **DATE / TIME** |
| UPPER | 30 Minutes | Start | Stop | Start | Stop |  |
|  |  |  |  |
| LOWER | 30 Minutes | Start | Stop | Start | Stop |  |
|  |  |  |  |

Pass ( ) Fail ( )Remarks: **Note :****If the air pressure decreases by more than 0.7 kPa (0.1 lbf/in2) in the given 30 min, send the life raft to the Manufacturer for a most accurate leak check and subsequent repair.** |  |  |  |
| 5.4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Period** | **Pressure (PSI)** | **Ambient Temperature (°C)** | **DATE / TIME** |
| UPPER | 01 Hour | Start | Stop | Start | Stop |  |
|  |  |  |  |
| LOWER | 01 Hour | Start | Stop | Start | Stop |  |
|  |  |  |  |

Pass ( ) Fail ( )Remarks: **NOTE :****If the air pressure change is more than 1.2 kPa (0.2 lbf/in2), send the life raft to the manufacture for a most accurate leak check and subsequent repair.** |  |  |  |
| 5.5 | **Check non‐return transfer valve :**

|  |  |
| --- | --- |
| **Upper Tube** |  |
| **Lower Tube** |  |

Pass ( ) Fail ( )Remarks:  |  |  |  |
| 5.6 | **Check of Relief Valve :**

|  |  |  |
| --- | --- | --- |
|  | **VALVE 1 ( UPPER )** | **VALVE 2 ( LOWER )** |
| **OPENING VALVE** |  |  |
| **CLOSING VALVE** |  |  |
| **RESULT** | **Pass Fail****( ) ( )** | **Pass Fail****( ) ( )** |

Remarks:  |  |  |  |
| 5.7 | **Perform Buoyancy Test**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Period** | **Pressure (PSI)** | **TIME** |
| UPPER | 10 Minutes | Start | Stop | Start | Stop |
|  |  |  |  |
| LOWER | 10 Minutes | Start | Stop | Start | Stop |
|  |  |  |  |

Pass ( ) Fail ( )Remarks:  |  |  |  |
| **6. LIFE RAFT (LIFE RAFT CONTAINER ) – SURVIVAL KIT AND EMERGENCY LIGHT - DETAILED INSPECTION** |
| 6.1 | I.A.W AW189 AMP 89-A-25-63-09-01A-100D-B.Remarks:    |  |  |  |
| **7. PERSONAL LOCATOR BEACON (LIFE RAFT CONTAINER) – BIT OPERATION ( CREW )** |
| 7.1 | I.A.W AW189 AMP 89-A-25-63-10-00A-343A-A.Remarks : N/A ( ) |  |  |  |
| 7.2 | PERSONAL LOCATOR BEACON

|  |
| --- |
| **PERSONAL LOCATOR BEACON** |
| **PLB P/N :** |  |
| **PLB S/N :** |  |
| **PLB BATTERY** |
| **Battery P/N :** |  |
| **Battery BATCH NO :** |  |
| **Battery DOM :** |  |
| **Battery Exp :** |  |
| **HEX ID (15) :** |  |

Remarks : N/A ( ) |  |  |  |
| **8. PERSONAL LOCATOR BEACON (LIFE RAFT CONTAINER) – REMOVE PROCEDURE** |
| 8.1 | I.A.W AW139 AMP 89-A-25-63-10-00A-520A-A.Remarks : N/A ( ) |  |  |  |
| **9. PERSONAL LOCATOR BEACON (LIFE RAFT CONTAINER) – INSTALL PROCEDURE** |
| 9.1 | I.A.W AW189 AMP 89-A-25-63-10-00A-720A-A.Remarks : N/A ( ) |   |  |  |
| **10. PERSONAL LOCATOR BEACON (LIFE RAFT CONTAINER) – RE-PROGRAMMING PROCEDURE** |
| 10.1 | I.A.W AW189 AMP 89-A-25-63-10-00A-75AA-ARemarks : N/A ( ) |  |  |  |
| **11. PERSONAL LOCATOR BEACON (LIFE RAFT CONTAINER) – BATTERY BOX – REPLACEMENT (REMOVE & INSTALL A NEW ITEM)** |
| 11.1 | I.A.W AW189 AMP 89-A-25-63-10-01A-921A-BRemarks : N/A ( ) |  |  |  |
| **12. REPLACEMENT PARTS** |
| 12.1 | Fill in Appendix 1 for replacement of parts.Remarks: N/A : ( ) |  |  |  |
| **13. F.O.D INSPECTION** |
| 13.1 | Perform FOD inspection.Remarks:  |  |  |  |
| **14. LIFE RAFT CONTAINER (LEFT/RIGHT) – ASSEMBLE PROCEDURE** |
|  | **CAUTIONS:*** **Only approved persons are permitted to do this procedure.**
* **You must do the operations that follow in a clean and dry area. The worktable must be of sufficient dimensions. Its bottom must be smooth and has sufficient protections for the floatation bag.**
* **Be careful not to put unwanted objects on the fabric parts of the life raft.**
* **Do not put liquids or unwanted material as solvents or greases on the worktable.**
 |  |  |  |
| 14.1a | I.A.W AW189 AMP 89-A-25-63-09-00A-710A-B.Remarks:  |  |  |  |
| 14.1b | **SURVIVAL KIT RECORD**

|  |  |  |
| --- | --- | --- |
| **DesCRIPTION** | **D.O.M** | **EXPIRY** |
| WATER |  |  |
| FLARE |  |  |
| ANTI SEASICKNESS |  |  |
| FIRST AID KIT |  |  |
| TORCH |  |  |
| BATTERY (RB2) |  |  |
|  |
| **REVERSE OSMOSIS PUMP** |
| P/N : SURVIVOR 06  |  |

Remarks:  |  |  |  |
| **15. LIFE RAFT (LIFE RAFT CONTAINER) – OPERATION UNFOLD / FOLD PROCEDURES** |
| 15.1 | I.A.W AW189 AMP 89-A-25-63-09-01A-100D-B.Remarks:  |  |  |  |
| **16. JOB COMPLETION** |
| 16.1 | Issue CAAM Form 1.Remarks: N/A : ( ) |  |  |  |

**APPENDIX 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ITEM REF.** | **PART NO.** | **DESCRIPTION** | **SERIAL NO.** | **APPROVED CERT NO.** | **QTY** |
| **ON**  | **OFF** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

TABLE 1: PART/COMPONENT REPLACEMENT DETAILS