



# CNSL

## READINESS STANDARDS GUIDE

### AVIATION



Failure to properly document material discrepancies or faulty components will result in shortfalls in the supply system.

#### CURRENT ISSUES

#### **HORIZON REFERENCE SET (HRS)**

##### Electronic Component Assembly (ECA):

- Issue: Burned out indicator lamps and/or intensity control knobs working erroneously
  - Perform 4926/RHR-50 R-1 (Perform Pre-Recovery Test) to identify material discrepancies
- Issue: Broken cover, missing key and/or missing card puller
  - Perform 4926/RHR-50 R-1 (Perform Pre-Recovery Test) to identify material discrepancies
  - Be vigilant in your observation to determine if the card puller is located in its holder on the inside cover of the ECA



##### Control Indicator (CI):

- Issue: Burned out indicator lamps and/or intensity control knobs working erroneously
  - Perform 4926/RHR-50 R-1 (Perform Pre-Recovery Test) to identify material discrepancies



##### Stabilization Data Indicator (SDI):

- Issue: Corrosion, chipping and flaking paint, worn weatherproofing on cables
  - Perform 4926/RHR-50 S-1 (Clean and Inspect HRS Sub-Assemblies) to identify material discrepancies
- Issue: Missing securing hardware causing water intrusion
  - Perform 4926/RHR-50 S-1 (Clean and Inspect HRS Sub-Assemblies) to identify material discrepancies
  - Perform 4926/RHR-50 R-1 (Perform Pre-Recovery Test) after repairs
- Issue: Worn or dried out gaskets or o-rings
  - Perform 4926/RHR-50 S-1 (Clean and Inspect HRS Sub-Assemblies) to identify material discrepancies
  - Perform 4926/RHR-50 R-1 (Perform Pre-Recovery Test) after repairs





Early fault detection and repair will result in better system operation during deployment

### Lamp Panel and Bar Assembly (LPBA):

- Issue: Corrosion, chipping and flaking paint
  - Perform 4926/RHR-50 S-1 (Clean and Inspect HRS Sub-Assemblies) to identify material discrepancies
- Issue: LPBA oscillates when R-1 or Q-1R is performed
  - Bar oscillation may be an indication of looseness or misalignment in gear head assembly of the ISD.
    - Refer to NAVAIR Technical Manual AD-400A1-OMI-000 for adjustment procedures
- Issue: Drain holes on LPBA are covered by PCMS.
  - During performance of 4926/RHR-50 S-1 (Clean and Inspect HRS Sub-Assemblies) ensure the drain holes on the bottom of the LPBA are free of PCMS to allow water to properly drain



## BEST PRACTICES

### **For Your Information**

**Many HRS parts have very long lead times for procurement. Ensure that you perform 4926/RHR-50 R-1 (Perform Pre-Recovery Test) well ahead of any inspections, assessments or deployments. This PMS card is an excellent tool for discovering those long-lead time parts.**

## REFERENCES

- NAVAIR Technical Manuals:
  - AD-400A1-OMI-000
  - AD-400A1-IPB-000
- For questions concerning AVCERT or any NAVAIR equipment contact:
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- For further information please visit:
  - <https://www.surfor.navy.mil/surfor/rsg/av/default.aspx>