



SERVICE Bulletin

Number: NFDS SHV-2

Date Issued: July 11, 2013

Revision: Initial Release

Applicability: MFDAU-N009-1010, N012-1010 and OVVR/CV2R N007-0007-11, N007-0007-11-NVG, N007-0007 and N007-0007-NVG

1. Planning Information

A. Effectivity

- 1. Aircraft Model Affected: N/A**
- 2. Components affected: MFDAU, OVVR/CV2R batteries and QAR SD Cards**
- 3. Spare Parts affected: At owner/operator discretion**

B. Concurrent Requirements: N/A

C. Reason: To Ensure proper operation of the North Flight Data Recording System .

D. Description: The condition of the CV2R/OVVR and MFDAU internal batteries and the recording capabilities of the QAR SD and OVVR/ CV2R Compact Flash (CF) cards are critical to the functionality of the North Flight Data Recording system. Operators should develop and include scheduled routine tasks into their maintenance program to ensure these items are functioning properly. These tasks should include checking battery capacity, periodic battery replacement, downloading and clearing data from the QAR SD card(s). Failure of files to close properly can prevent the OVVR/CV2R CF and QAR SD cards from recording data.



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Recommended Tasks: Batteries in both the OVVR/CV2R and the MFDAU should be changed each 12 calendar months. Furthermore, tests should be performed routinely to ensure the batteries have sufficient capacity to properly close all files after aircraft power has been turned off or lost. Please see NFDS Document D009-0002 Rev 1.9 or later approved revision for details on checking, replacement and charging of these batteries. It is recommended that each SD card be removed from the QAR, downloaded to a secure company computer, checked to ensure there are no Zero (0) length files on the card, cleared and reinstalled into the QAR.

It is recommended that SD cards containing Flight Data and/or Voice Only be downloaded and cleared at three (3) month intervals.

If Video is used SD cards containing Voice and VIDEO be downloaded every twelve (12) hrs of flight time.

E. Compliance: At the next maintenance opportunity

F. Approval: N/A

G. Manpower: 2.0 MH

H. Weight and Balance: Negligible .

I. Electrical Load Data: No Change

J. Software Accomplishment Summary: N/A

K. References: NFDS Document D009-0002 REV 1.9

L. Other Publications affected: N/A

M. Interchangeability of Parts: N/A



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2. Material Information:

A. Material - Price and Availability: Contact NFDS

**B. Support Information: Contact NFDS at either support@Northfds.com or
817-807-6621**

Material Necessary :

MFDAU / OVVR/ CV2R batteries or SD cards as required

3. Accomplishment Instructions: To be performed by Owner/Operator, NFDS or any NFDS authorized FAA approved Repair Station. Reference NFDS Document D009-0002 Rev 1.9 or later approved revision for applicable battery replacement , checking and charging procedures

NOTE: Make the appropriate entry in the component's maintenance records and /or the aircrafts maintenance records in accordance with local regulatory authority requirements.

- END -

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