

ATA AIRLINES, INC.

DOWNLOAD DATA FROM FDR (TO CHECK READ PARAMETERS)

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CHECK BEING PERFORMED: Custom

ZONES: 242
A/C NUMBER:
REV. DATE: 03/14/06
FREQUENCY: 1C

W/C NUMBER: 322F3101 DATE:

TOOLS	DESCRIPTION	QTY
COMMON	6' Step Ladder (Commercially Available)	1
964-0446-00	1 Unit - Download, Hand-Held (Solid State DFDR Only)	1
964-0434-04	1 Unit - Interface, Portable (PI)	1
17TES0053	Module - Memory Card, Portable	1

REFERENCES

AMM 24-22-00

MECH INSP

MPD ITEMS: 31-120-00, 31-130-00

DOWNLOAD DATA FROM FLIGHT DATA RECORDER (FDR) TO CHECK INTERFACING SYSTEM OUTPUT TO FDR (OFF AIRCRAFT).

FUNCTIONAL CHECK OF REQUIRED PARAMETERS (FDR, DFDAU OUTPUT, INTERFACING SYSTEMS) BY DOWNLOADING FDR DATA. (CHECK OF DATA IS DONE OFF AIRCRAFT)

_____ XXXXX 1. Copy the Data from the Allied Signal SSFDR with a Hand Held Download Unit

A. Procedure

- (1) Do this task: Supply Electrical Power (AMM TASK 24-22-00-860-811 p201).
- (2) Open these circuit breakers and attach DO-NOT-OPERATE tags:
 - (a) Circuit Breaker Panel, P18-2:
 - 1) 18C9 FLIGHT RECORDER AC
 - 2) 18C10 FLIGHT RECORDER DC
- (3) To get access to the flight data recorder in the aft passenger compartment, open the lowered ceiling panel.
- (4) Use a stepladder to access the flight data recorder.
- (5) Make sure the power switch on the unit, 964-0446-001 is OFF.
- (6) Connect the 28 pin connector of the HHDLU cable to the

REVISION DATE: 03/14/06

ATA AIRLINES, INC. B737-800 FLEET

W/C #: 322F3101

DATE WORK CARD COMPLETE ___/___/___

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W/C NUMBER: 322F3101 (continued)

MECH: INSP:

FDR ATE connector.

(7) Install the removable media into the HHDLU.

(8) Remove the DO-NOT-OPERATE tags and close these circuit breakers:

(a) Circuit Breaker Panel, P18-2:

1) 18C9 FLIGHT RECORDER AC

2) 18C10 FLIGHT RECORDER DC

(9) Put the flight data recorder TEST-NORM to the TEST position.

(10) Set the red power switch, installed adjacent to the HHDLU's RS-422 port, to the ON position.

NOTE: When power is first applied to the HHDLU, the HHDLU display will not be on. After approximately 30 seconds, the HHDLU display will show the main menu.

(a) Make sure the HHDLU display shows DNLD in the main menu.

(11) Push the DNLD key.

(a) Make sure the DOWNLOAD MENU shows on the display.

NOTE: The maximum quantity of flight data the HHDLU can make a copy of is 27.2 hours. If the file DOWNLOAD01.DLU already exists on the removable media, the HHDLU will change the filename until a filename that is not used is found. To change the time or filename, push the TIME or FILE key.

(12) Push the GO key.

(a) If the HHDLU display shows DISK FULL, do these steps:

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MECH: INSP:

- 1) Push a key.
 - a) Make sure the DELETE FILE menu shows on the display.
- 2) Use the NEXT or PREV key to move up and down the filenames.
- 3) Push the DEL key to make a selection of the file to be erased.
 - a) Make sure the CONFIRM DELETE menu shows on the display.
- 4) Push the YES key to erase the file.
- 5) Erase files until sufficient memory is available to make a copy of the flight data.

NOTE: After each file is erased, the HHDLU makes sure the HHDLU has sufficient memory space. If there is sufficient memory, the HHDLU will start to make a copy.

- 6) Make sure the HHDLU display shows REC BLKS and XFER BLKS.

NOTE: REC BLKS is the number of blocks the HHDLU will move to the removable media. XFER BLKS is the number of blocks the HHDLU will move from the FDR. The REC BLKS and XFER BLKS field will change during the copy procedure.

- (b) After the copy procedure is completed, push a key to show the main menu on the display.

- (13) Put the flight data recorder TEST-NORM switch to the NORM position.

- (14) Remove the removable media from the HHDLU and route the card to the Stores. Mark M-31 Tag "Send out for card to be read per CBSO FLT-31-958 or 959."

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MECH: INSP:

(15) Set the power switch on the unit, 964-0446-001 to the OFF position.

| (16) Open these circuit breakers and attach DO-NOT-OPERATE tags:

(a) Circuit Breaker Panel, P18-2:

1) 18C9 FLIGHT RECORDER AC.

2) 18C10 FLIGHT RECORDER DC.

(17) Disconnect the interface cable from the FDR.

(18) Put the cover on the FDR ATE connector.

| (19) Remove the DO-NOT-OPERATE tags and close these circuit breakers:

(a) Circuit Breaker Panel, P18-2:

1) 18C9 FLIGHT RECORDER AC.

2) 18C10 FLIGHT RECORDER DC.

(20) Close the lowered ceiling panel.

***** END OF WORKCARD *****