

JIC: **A320-23-71-00 / 00**

Title: **SOLID STATE CVR READOUT**

Area: **COCKPIT**

ATA: **23-00-00**

Special Codes:

A/C: **BIS**

Job Instruction Card for - / -

**ITEM ONE - AUTOMATICALLY CREATED**
**Panels:** 312AR (EMPEN AND FUSE TAIL - PANEL 1 - RIGHT SIDE)

**Zones:** 312 (AFT FUSLG TAIL SECTION SIDE: RH)

**References:** AMM TASK: 23-71-00-710-001

AMM TASK: 23-71-35-000-001

AMM TASK: 23-71-35-400-001

DWG: 998-3414-600

HONEYWEL: Playback-32 Program User's Manual

**Tools:** FDS400-301 HHMPI 1.0 req.

704-2863-001 SSCVR/DVDR ATP TEST CABLE 1.0 req.

952-0035-002 SSCVR READ-OUT COMPUTER 1.0 req.

FDS400-215 CABLE 1.0 req.

**STEP 1**

PREPARED BY: 23521; 30-NOV-2017

APPROVED BY: 11700; 06-DEC-2017

**MECH**
**INSP**
**STEP 2. CVR OPERATIONAL TEST.**

Perform the operational test of the CVR acc AMM TASK 23-71-00-710-001

(procedure subtask 23-71-00-860-051, subtask 23-71-00-865-050, subtask 23-71-00-710-050 ONLY). If test OK, continue with step 3.

**ATTENTION!**
**DO NOT TOUCH RCDR CVR ERASE BUTTON!**
**MECH**
**INSP**
**STEP 3. REMOVING OF THE CVR.**

Perform removing of the CVR acc AMM TASK 23-71-35-000-001.

**MECH**
**INSP**

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## STEP 4. READOUT PREPARATION BY RPGSE.

MECH

INSP

**ATTENTION!!! THIS STEP IS APPLICABLE IF YOU USE RPGSE. IF YOU USE THE HHMPI THEN MARK THIS STEP AS NOT APPLICABLE (N/A) OR NOT REQUIRED (N/R).**

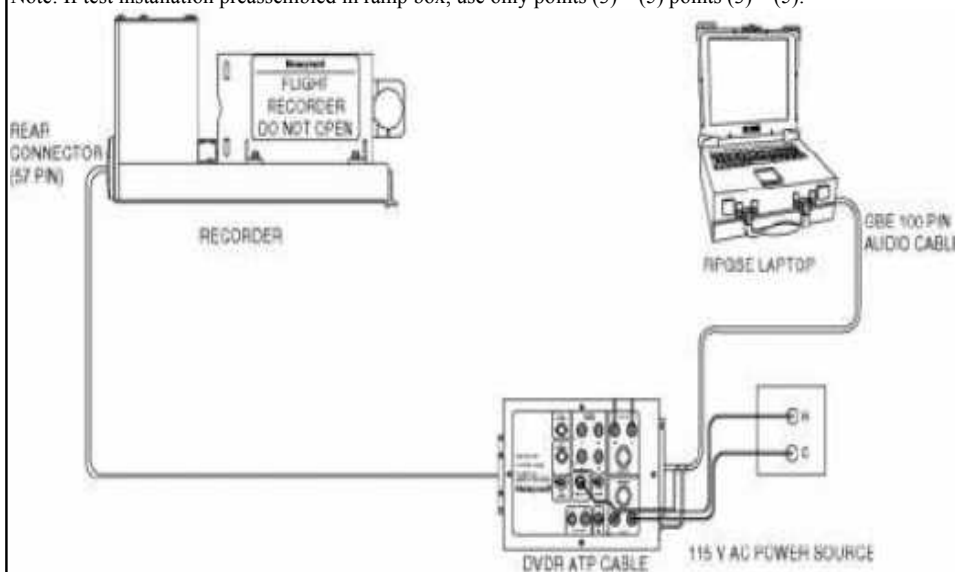
Assemble a test installation as shown in following order:

- (1) Connect the mating end of GBE 100 Pin and audio cable to DVDR ATP cable.
- (2) Connect the mating end of GBE 100 Pin to RPGSE laptop. Laptop have to be switched off.
- (3) Connect the recorder rear connector to the mating end of DVDR ATP cable (4) Connect the mating end of DVDR ATP cable to 115VAC power source.

Observe the polarity of cable.

- (5) Switch on the laptop.

Note: If test installation preassembled in ramp box, use only points (3) – (5) points (3) – (5).



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## STEP 5. READOUT BY RPGSE

**MECH**
**INSP**

**ATTENTION!!! THIS STEP IS APPLICABLE IF YOU USE RPGSE. IF YOU USE THE HHMPI THEN MARK THIS STEP AS NOT APPLICABLE (N/A) OR NOT REQUIRED (N/R).**

(1) Start on the laptop Playback-32 program.

a. Check that in toolbar menu: "Tool" => "Settings" => "Power Supply" => **"115V AC" is selected!**

(2) Click on "Download" button. In opened dialog window enter "c:\FinalVoiceData" in "File directory" field and enter appropriate file name in "File name" field.

Attention!

For each playback download create a special catalog named as:

c:\FinalVoiceData\Plane\_Day\_Month\_Year

Example: c:\FinalVoiceData\EI-ETP\_29\_MAY\_2013

(3) Click "Start download" button to begin readout process.

(4) Wait for "Download complete" message. It takes approximately about 15 minutes for download process to complete.

Note: Use the Honeywell document 998-3414-600 "Playback-32 Program User's Manual" for additional information.

(5) After download is completed, click "Decompression" button in main window, in opened dialog window "Decompression" find field "Technique" and check "Software" tick mark is selected. Click "Start" button to begin decompression process.

After decompression, please, copy all files from folder created by you to USB-flash and route it to Flight Data Analysis Department (on base airport only).

## STEP 6. READOUT BY HHMPI.

**MECH**
**INSP**

**ATTENTION!!! THIS STEP IS APPLICABLE IF YOU USE HHMPI. IF YOU USE THE RPGSE THEN MARK THIS STEP AS NOT APPLICABLE (N/A) OR NOT REQUIRED (N/R).**

1. Connect the CVR Rack adaptor FDS400-215 between CVR and the CVR rack. Fig.1

2. Remove the safety clip(s) and the tag(s) and close this circuit breaker:

PANEL	DESIGNATION	FIN	LOCATION
49VU	COM/CVR/SPLY	2RK	E14
49VU	COM/CVR/CTL	4RK	E13

3. Connect the HHMPI interface cable (connected to the Rack Adaptor) to the HHMPI (Fig.1) then push the RCDR/GND CTL pushbutton switch and start up the unit. Make ensure that the blue plane appeared in the HHMPI.

4. Using cursor keys and "OK" button "Select Aircraft" - "Download Operations" - "CVR ALL" - choose "Internal" or "External" memory - "Tail Number" (press "C").  
CVR should go into «Download in progress» mode.

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**STEP 7. CLOSE UP (HHMPI)**
**MECH**
**INSP**

**ATTENTION!!! THIS STEP IS APPLICABLE IF YOU USE HHMPI. IF YOU USE THE RPGSE THEN MARK THIS STEP AS NOT APPLICABLE (N/A) OR NOT REQUIRED (N/R).**

Once Download procedure is complete, press "OK" button, then switch OFF the HHMPI.

1.Open, safety and tag this circuit breaker:

PANEL	DESIGNATION	FIN	LOCATION
49VU	COM/CVR/SPLY	2RK	E14
49VU	COM/CVR/CTL	4RK	E13

2.Disconnect HHMPI interface cable (connected to the Rack Adaptor) from the HHMPI.

3.Disconnect the CVR Rack adaptor from the back of the CVR and the CVR rack.

**STEP 8. CLOSE UP (RPGSE).**
**MECH**
**INSP**

**ATTENTION!!! THIS STEP IS APPLICABLE IF YOU USE RPGSE. IF YOU USE THE HHMPI THEN MARK THIS STEP AS NOT APPLICABLE (N/A) OR NOT REQUIRED (N/R).**

Once Download procedure is complete, disassemble the installation in following order:

- (1) Switch off the laptop.
- (2) Disconnect the DVDR ATP cable from 115VAC power source.
- (3) Disconnect the recorder rear connector from the DVDR ATP cable.
- (4) Disconnect the GBE 100 Pin and audio cable from DVDR ATP cable.
- (5) Disconnect the GBE 100 Pin and audio cable from PPGSE laptop.



If test installation preassembled in ramp box, use only points (1) – (3).

**STEP 9. INSTALLING OF THE CVR**
**MECH**
**INSP**

1.Perform installing of the CVR acc AMM TASK 23-71-35-400-001

**STEP 10. TEST**
**MECH**
**INSP**

- 1.Perform the operational test of the CVR acc AMM TASK 23-71-00-710-001(procedure SUBTASK 23-71-00-860-051, SUBTASK 23-71-00-865-050, SUBTASK 23-71-00-710-050, ONLY).
2. Perform CLOSE -UP procedure acc AMM SUBTASK 23-71-00-860-050.

**STEP 11**
**MECH**
**INSP**

Route all downloaded data to Flight Analysis Department.

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## STEP 12. FIG.1



FIG.1  
Connection HHMPI to CVR

MECH

INSP

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