DIGITAL AUDIO PANEL - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

   A. This section gives the procedures to remove and install the Digital Audio Panel.

   B. There are three Digital Audio Panels; one installed in the RH aft console lining and two installed on the main instrument panel.

   C. The three Digital Audio Panels are similar and the procedures in this section apply to the three Digital Audio Panels.

   D. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
23-51-01-000-801-A	DIGITAL AUDIO PANEL - REMOVAL	ALL
23-51-01-400-801-A	DIGITAL AUDIO PANEL - INSTALLATION	ALL

TASK 23-51-01-000-801-A
EFFECTIVITY: ALL

2. DIGITAL AUDIO PANEL - REMOVAL

 A. General

  (1) This procedure gives the instructions to remove the Digital Audio Panel.

 B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Main instrument panel
223		RH aft console lining

 C. Tools and Equipment

  Not Applicable

 D. Auxiliary Items

  Not Applicable

 E. Consumable Materials

  Not Applicable

 F. Expandable Parts

  Not Applicable

 G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit

 H. Preparation

 SUBTASK 841-002-A

  (1) On the circuit breaker panel, open the circuit breakers listed below and attach a DO-NOT-CLOSE tag to them:

   • RMU 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/RMU 1).

   • RMU 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/RMU 2).

   • INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1).

   • INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2).

   • INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).

   • VHF 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/VHF 1).

   • VHF 2 (Location Tip: DC BUS 2/COMM/VHF 2).

   • AWS 1 (Location Tip: ESSENTIAL DC BUS 1/MISCELLANEOUS/AWS 1).

   • AWS 2 (Location Tip: DC BUS 2/MISCELLANEOUS/AWS 2).

- VOR/ILS 1 (Location Tip: ESSENTIAL DC BUS 1/NAV/VOR/ILS 1).

- VOR/ILS 2 (Location Tip: DC BUS 2/NAV/VOR/ILS 2).

I.   Removal (Figure 401)
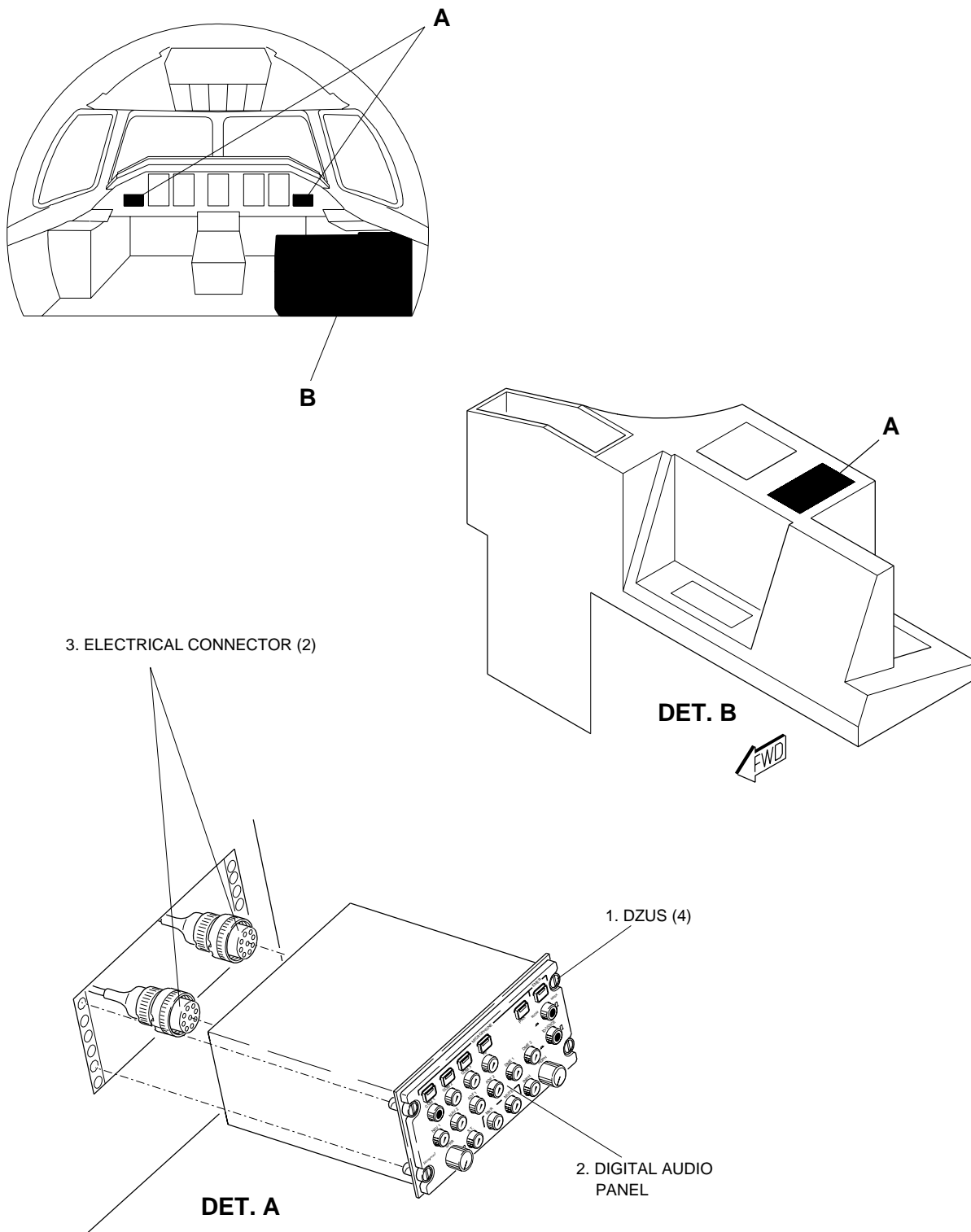
SUBTASK 020-002-A

(1)   Release the four Dzus fasteners (1).

(2)   Carefully pull the Digital Audio Panel (2).

(3)   Disconnect the electrical connectors (3).

(4)   Remove the Digital Audio Panel (2).

EFFECTIVITY: ALL
Digital Audio Panel - Removal/Installation
Figure 401

A

B

A

3. ELECTRICAL CONNECTOR (2)

DET. B

FWD

1. DZUS (4)

2. DIGITAL AUDIO
   PANEL

DET. A

145AMM230125.MCE C

TASK 23-51-01-400-801-A
EFFECTIVITY: ALL

3. DIGITAL AUDIO PANEL - INSTALLATION

    A. General

        (1) This procedure gives the instructions to install the Digital Audio Panel.

    B. References

REFERENCE	DESIGNATION
AMM TASK 23-51-00-700-802-A/500	AUDIO SYSTEM - OPERATIONAL TEST

    C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223BZ	Main instrument panel
223		RH aft console lining

    D. Tools and Equipment

       Not Applicable

    E. Auxiliary Items

       Not Applicable

    F. Consumable Materials

       Not Applicable

    G. Expandable Parts

       Not Applicable

    H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the cockpit

    I. Installation (Figure 401)

    SUBTASK 420-002-A

        (1) Connect the electrical connectors (3).

        (2) Install the Digital Audio Panel (2).

        (3) Attach the four Dzus fasteners (1).

    J. Follow-on

    SUBTASK 842-002-A

        (1) On the circuit breaker panel, close the circuit breakers listed below and remove the DO-NOT-CLOSE tag from them:

           • RMU 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/RMU 1).

- • RMU 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/RMU 2).

- • INTPH 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/INTPH 1).

- • INTPH 2 (Location Tip: ESSENTIAL DC BUS 2/COMM/INTPH 2).

- • INTPH 3 (Location Tip: DC BUS 2/COMM/INTPH 3).

- • VHF 1 (Location Tip: ESSENTIAL DC BUS 1/COMM/VHF 1).

- • VHF 2 (Location Tip: DC BUS 2/COMM/VHF 2).

- • AWS 1 (Location Tip: ESSENTIAL DC BUS 1/MISCELLANEOUS/AWS 1).

- • AWS 2 (Location Tip: DC BUS 2/MISCELLANEOUS/AWS 2).

- • VOR/ILS 1 (Location Tip: ESSENTIAL DC BUS 1/NAV/VOR/ILS 1).

- • VOR/ILS 2 (Location Tip: DC BUS 2/NAV/VOR/ILS 2).

(2)   Do the Audio System operational test (AMM TASK 23-51-00-700-802-A/500).