PRA REMOTE COMPUTER - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

    A. This section gives the procedures to remove and install the prerecorded announcement remote computer (PRA remote computer).

    B. The PRA remote computer is installed in the forward galley, zone 232.

    C. 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
23-34-01-000-801-A	PRA REMOTE COMPUTER - REMOVAL	AIRCRAFT WITH PRA SYSTEM
23-34-01-400-801-A	PRA REMOTE COMPUTER - INSTALLA-TION	AIRCRAFT WITH PRA SYSTEM

TASK 23-34-01-000-801-A
EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM

2. <u>PRA REMOTE COMPUTER - REMOVAL</u>

    A. General

        (1) This task gives the procedures to remove the PRA remote computer.

    B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Forward galley

    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	Passenger cabin

    H. Preparation

    SUBTASK 841-005-A

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

            • PRA (Location Tip: SHED DC BUS 1/SERVICE/PRA).

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

    I. Removal (Figure 401)

    SUBTASK 020-005-A
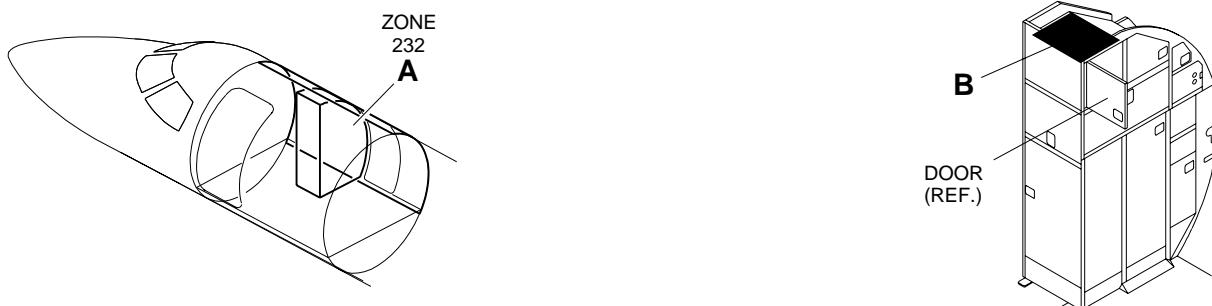
        (1) Open the door to get access to the door flap (5).

        (2) Remove the screws (3) and washers (4).

        (3) Carefully lower the door flap (5) to get access to the PRA remote computer (6).

        (4) Remove the screws (10) of the flat cable connector (9).

        (5) Disconnect the flat cable connector (9) from the PRA remote computer (6).

        (6) Remove the screws (12) of the electrical connector (11).
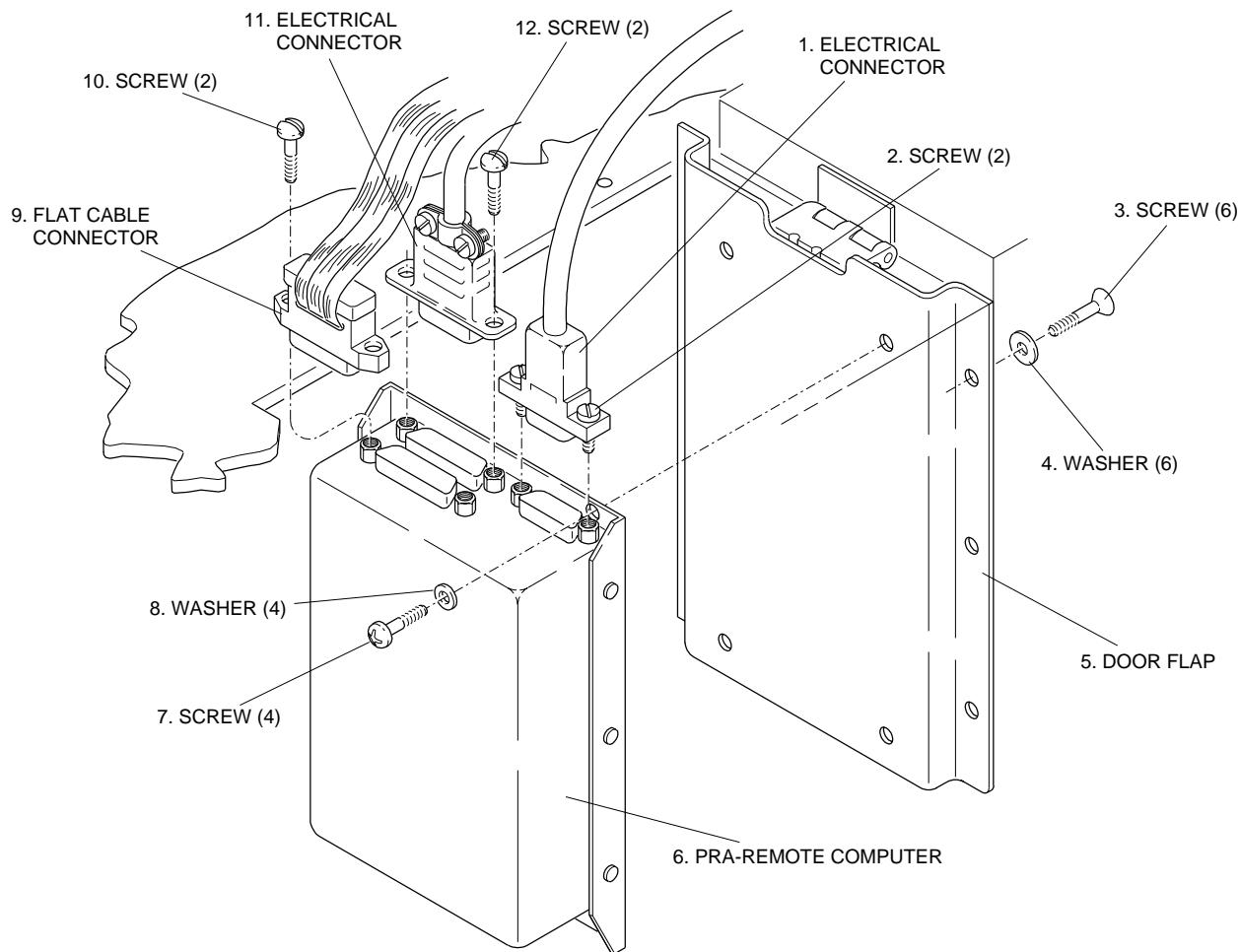
(7)   Disconnect the electrical connector (11) from the PRA remote computer (6).

(8)   Release the screws (2) of the electrical connector (1).

(9)   Disconnect the electrical connector (1) from the PRA remote computer (6).

(10)   Remove the screws (7) and washers (8) that attach the PRA remote computer (6) to the door flap (5).

(11)   Remove the PRA remote computer (6).

EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM
PRA Remote Computer
Figure 401

ZONE
232
A

B

DOOR
(REF.)

DET. A

11. ELECTRICAL
CONNECTOR

12. SCREW (2)

10. SCREW (2)

1. ELECTRICAL
CONNECTOR

2. SCREW (2)

3. SCREW (6)

9. FLAT CABLE
CONNECTOR

4. WASHER (6)

8. WASHER (4)

5. DOOR FLAP

7. SCREW (4)
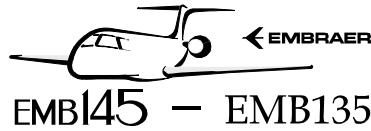
6. PRA-REMOTE COMPUTER

DET. B

145AMM230204.MCE

TASK 23-34-01-400-801-A
EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM

3.   PRA REMOTE COMPUTER - INSTALLATION

   A.   General

   (1)   This task gives the procedures to install the PRA remote computer.

   B.   References

REFERENCE	DESIGNATION
AMM TASK 23-34-00-700-801-A/500	PRA SYSTEM - OPERATIONAL TEST

   C.   Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Forward galley

   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	Passenger cabin

   I.   Installation (Figure 401)

   SUBTASK 420-005-A

   (1)   Put the PRA remote computer (6) in position.

   (2)   Install the screws (7) and washers (8) that attach the PRA remote computer (6) to the door flap (5).

   (3)   Connect the electrical connector (1) to the PRA remote computer (6).

   (4)   Attach the screws (2) of the electrical connector (1).

   (5)   Connect the electrical connector (11) to the PRA remote computer (6).

   (6)   Install the screws (12) of the electrical connector (11).

   (7)   Connect the flat cable connector (9) to the PRA remote computer (6).

   (8)   Install the screws (10) of the flat cable connector (9).

   (9)   Carefully lift the door flap (5).

   (10) Install the screws (3) and washers (4).

   (11) Close the door.

J.   Follow-on

SUBTASK 842-005-A

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

      •   PRA (Location Tip: SHED DC BUS 1/SERVICE/PRA).

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

   (2)   Do the PRA System Operational Test (AMM TASK 23-34-00-700-801-A/500).