

## PRA UNIT - REMOVAL/INSTALLATION

*EFFECTIVITY: ACFT MODEL(S) EMB-145*

### 1. General

- A. This section gives the procedures to remove and install PRA unit model PBS600.
- B. The PRA unit 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
23-34-03-000-801-A	PRA UNIT - REMOVAL	AIRCRAFT WITH PRA SYSTEM MODEL PBS600
23-34-03-400-801-A	PRA UNIT - INSTALLATION	AIRCRAFT WITH PRA SYSTEM MODEL PBS600

TASK 23-34-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM MODEL PBS600

## 2. PRA UNIT - REMOVAL

### A. General

(1) This procedure gives the instructions to remove PRA unit model PBS600.

### B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Forward galley

### C. Tools and Equipment

Not Applicable

### D. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	3/32 Allen wrench	To remove the PRA unit from the forward galley	

### E. Consumable Materials

Not Applicable

### F. Expandable Parts

Not Applicable

### G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward galley

### H. Preparation

#### SUBTASK 841-003-A

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

- PRA.
- PA.

### I. Removal [\(Figure 401\)](#)

#### SUBTASK 020-003-A

- (1) Release the screws (5).
- (2) Carefully remove the panel (4).
- (3) With an Allen wrench, remove the screws (3).
- (4) Carefully pull the PRA unit (2).

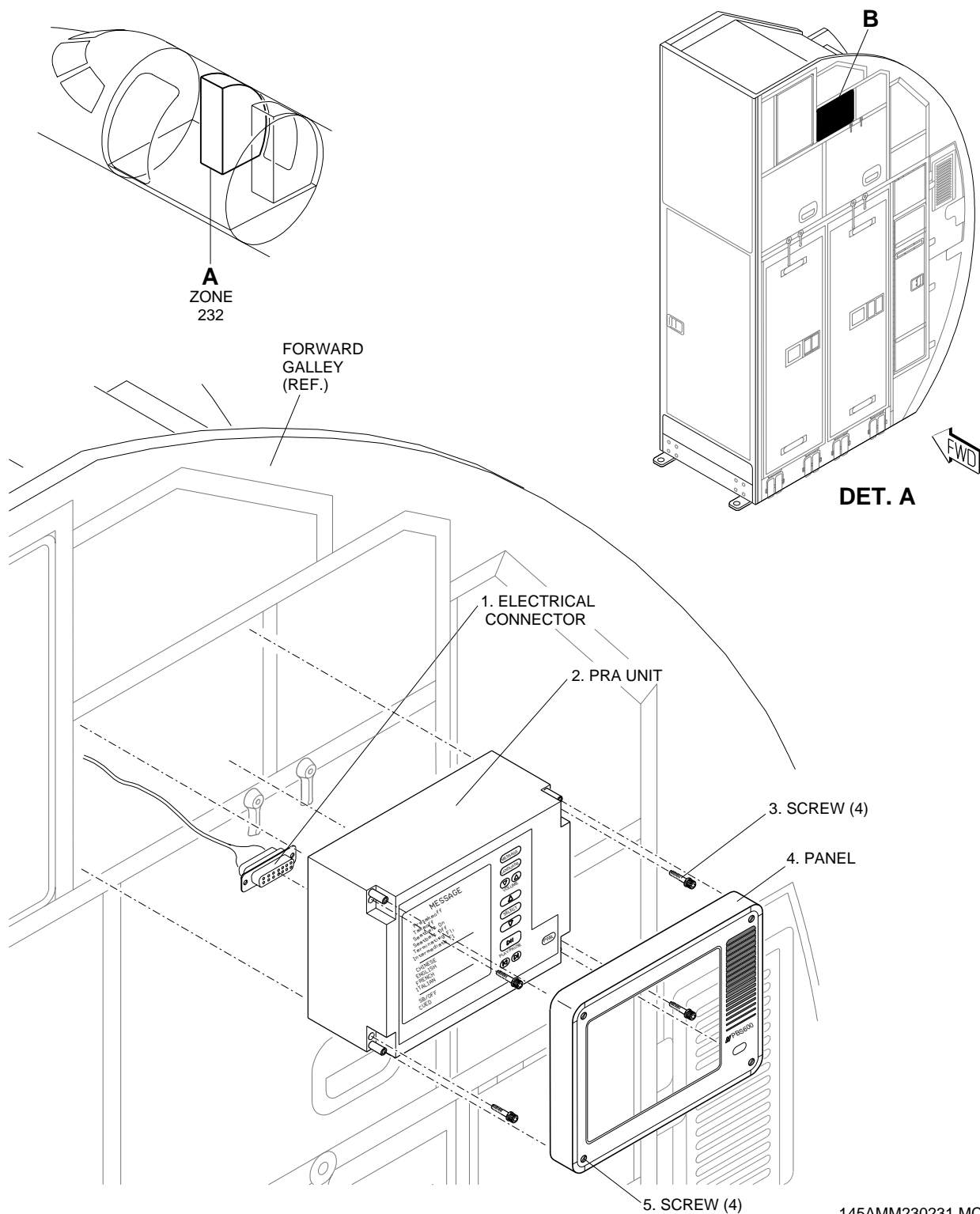


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- (5) Disconnect the electrical connector (1).
  - (6) Remove the PRA unit (2) from the forward galley.

EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM MODEL PBS600

PRA Unit - Removal/Installation

Figure 401



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TASK 23-34-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM MODEL PBS600

### 3. PRA UNIT - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install PRA unit model PBS600.

#### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 23-34-00-700-801-A/500</a>	PRA SYSTEM - OPERATIONAL TEST

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Forward galley

#### D. Tools and Equipment

Not Applicable

#### E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	3/32 Allen wrench	To install the PRA unit in forward galley	

#### F. Consumable Materials

Not Applicable

#### G. Expandable Parts

Not Applicable

#### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward galley

#### I. Installation (Figure 401)

##### SUBTASK 420-003-A

- (1) Connect the electrical connector (1) to the PRA unit (2).
- (2) Put the PRA unit (2) into the forward galley.
- (3) With an Allen wrench, install the screws (3).
- (4) Put the panel (4) in its installation position.
- (5) Tighten the screws (5).

J. Follow-on

*SUBTASK 842-003-A*

- (1) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - PRA.
  - PA.
- (2) Do the PRA unit model PBS600 Operational Test ( [AMM TASK 23-34-00-700-801-A/500](#)).