



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

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



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

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).



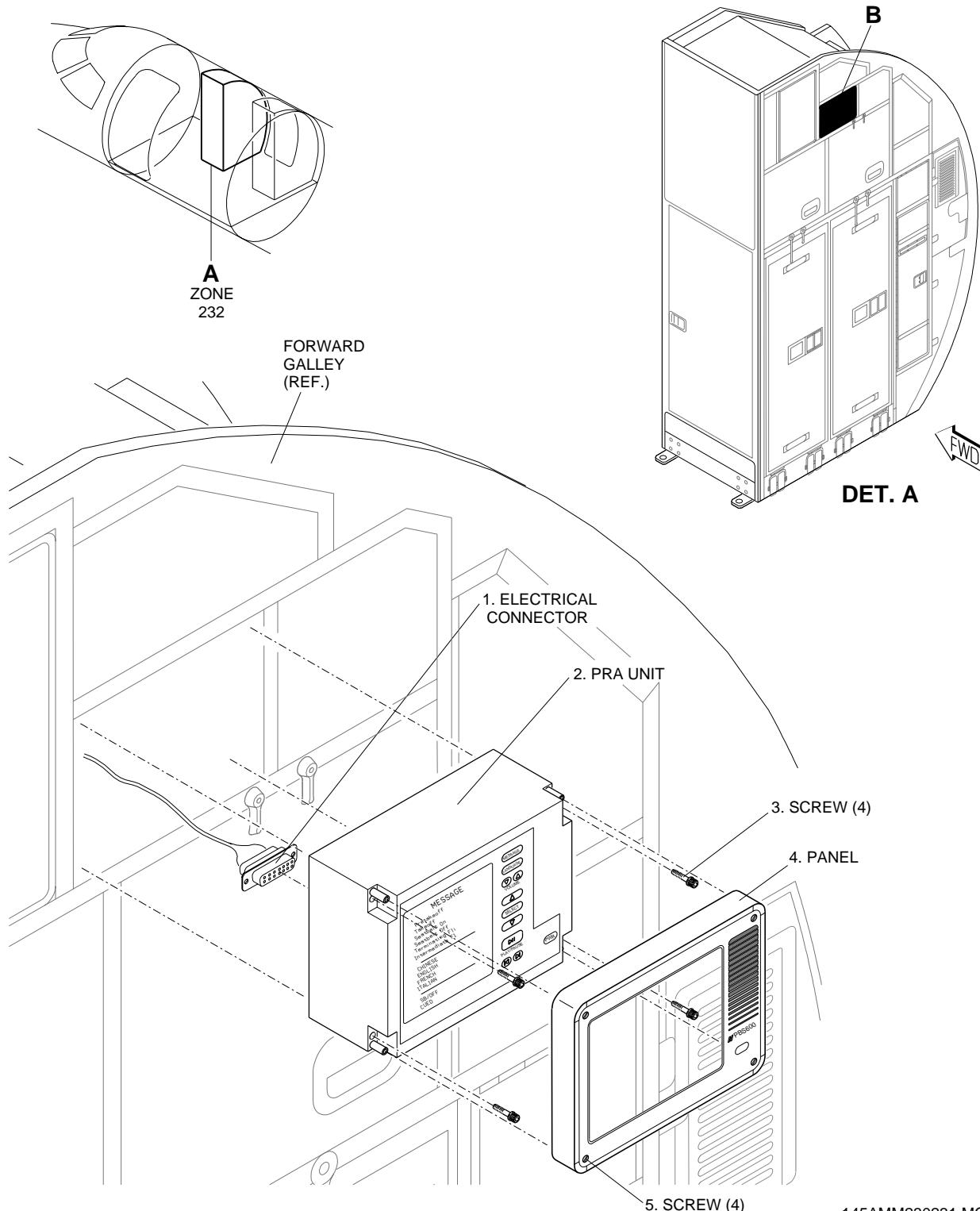
AIRCRAFT  
MAINTENANCE MANUAL

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

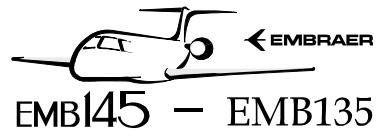
**EFFECTIVITY: AIRCRAFT WITH PRA SYSTEM MODEL PBS600**

PRA Unit - Removal/Installation

Figure 401



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AIRCRAFT  
MAINTENANCE MANUAL

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
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

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).



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

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](#)).