

REAR ELECTRONIC-COMPARTMENT VENT DOOR - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures to remove and install the Vent Door.
- B. 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
52-44-03-000-801-A	VENT DOOR - REMOVAL	ACFT MODEL(S) EMB-135
52-44-03-400-801-A	REAR ELECTRONIC-COMPARTMENT DOOR - INSTALLATION	ACFT MODEL(S) EMB-135

TASK 52-44-03-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. VENT DOOR - REMOVAL

A. General

(1) This task gives the procedures to remove the vent door.

B. References

REFERENCE	DESIGNATION
AMM TASK 52-44-01-000-801-A/400	REAR ELECTRONIC-COMPARTMENT DOOR - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage Rear Section I

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the vent door	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technicians hands	1
Commercially available	Safety Goggles	For protection of technicians eyes	1

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM D740	Methyl Ethyl Ketone - (MEK)	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the rear electronic-compartment door

I. Preparation

SUBTASK 841-004-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Remove the rear electronic-compartment door ([AMM TASK 52-44-01-000-801-A/400](#)).
- (3) Put the rear electronic-compartment door on a safe surface to prevent damage.

J. Removal ([Figure 401](#))

SUBTASK 020-004-A

- (1) Remove the nuts (5) and washers (6).
- (2) Remove the arms () and shims (2).
- (3) Remove the bolts (7).
- (4) Remove the vent door (1).

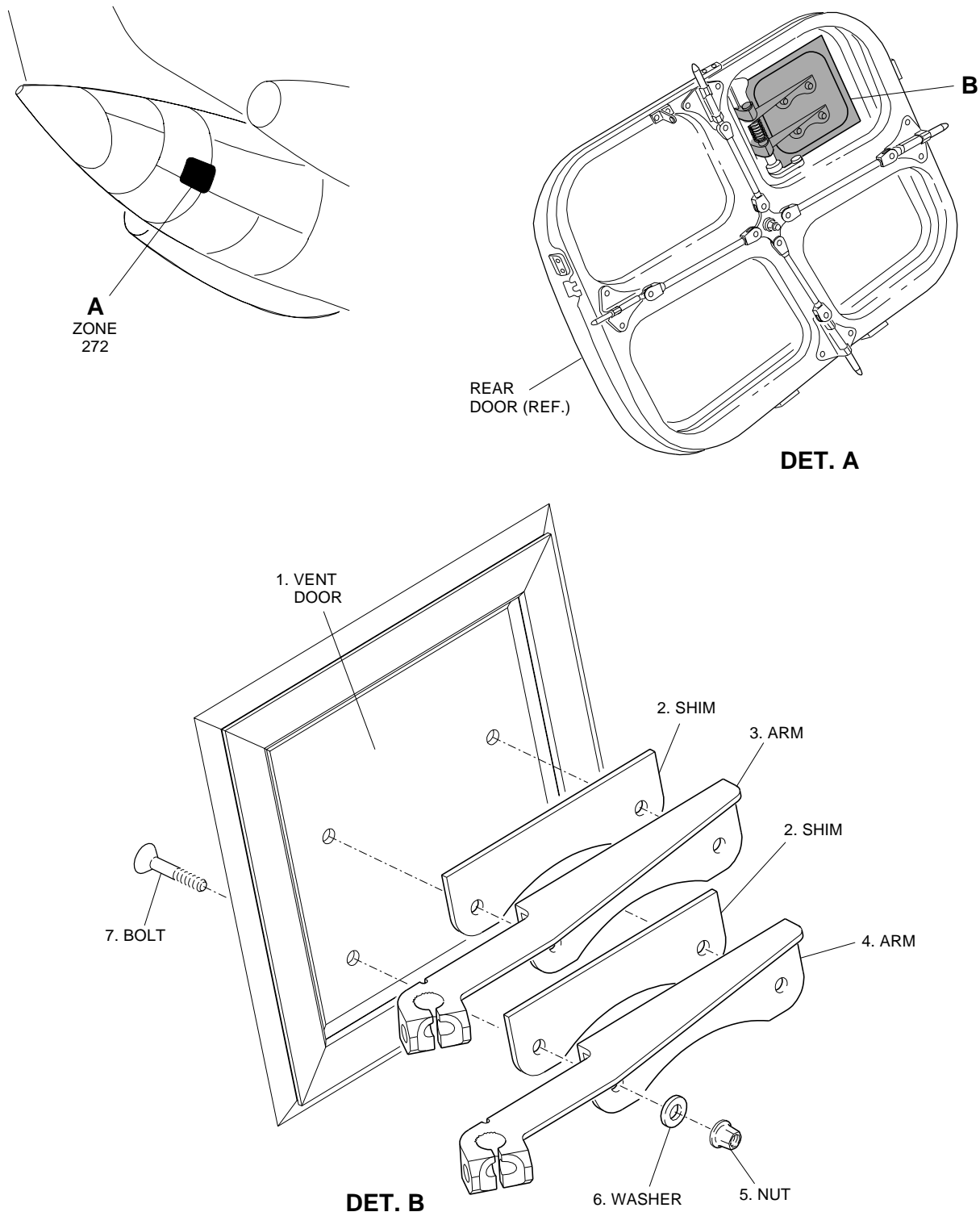
WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING. DO NOT BREATHE THE SOLVENT GASES AND WORK IN A WELL VENTILATED AREA.

- (5) Clean the surface with a cloth wet with MEK.

EFFECTIVITY: ACFT MODEL(S) EMB-135

Vent Door - Removal/Installation

Figure 401



EM145AMM520697A.DGN

TASK 52-44-03-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

3. REAR ELECTRONIC-COMPARTMENT DOOR - INSTALLATION

A. General

(1) This task gives the procedures to install the Rear Electronic-Compartment Door.

B. References

REFERENCE	DESIGNATION
AMM TASK 21-31-00-700-805-A/500	-
AMM TASK 21-31-00-700-808-A/500	-
AMM TASK 52-44-01-400-801-A/400	REAR ELECTRONIC-COMPARTMENT DOOR - INSTALLATION
IPC 52-44-00	REAR ELECTRONIC BAY DOOR

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage Rear Section I

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the vent door	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technicians hands	1
Commercially available	Safety Goggles	For protection of technicians eyes	1

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Vent Door	IPC 52-44-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the rear electronic-compartment door

I. Installation (Figure 401)

SUBTASK 420-004-A

- (1) Install the bolts (7) in the vent door (1).
- (2) Install the arms (4) and shims (2).
- (3) Install the nuts (5) and washers (6).
- (4) Close the vent door (1).

J. Follow-on

SUBTASK 842-004-A

- (1) Install the rear electronic-compartment door ([AMM TASK 52-44-01-400-801-A/400](#)).
- (2) Do a functional test for cabin leakage (AMM TASK 21-31-00-700-805-A/500) or (AMM TASK 21-31-00-700-808-A/500). If the values are permitted, you can operate the aircraft.