

## REAR ELECTRONIC COMPARTMENT DOOR RUBBER SEAL - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to remove and install the rear electronic compartment door rubber seal.
- 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
52-44-02-000-801-A	REAR ELECTRONIC COMPARTMENT DOOR RUBBER SEAL - REMOVAL	ALL
52-44-02-400-801-A	REAR ELECTRONIC COMPARTMENT DOOR RUBBER SEAL - INSTALLATION	ALL

TASK 52-44-02-000-801-A

EFFECTIVITY: ALL

## 2. REAR ELECTRONIC COMPARTMENT DOOR RUBBER SEAL - REMOVAL

### A. General

- (1) This task gives the procedures to remove the rubber seal of the rear electronic compartment 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	Acrylic Spatula	To remove the sealant	

### 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 841-002-A*

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

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

*SUBTASK 020-002-A*

- (1) Remove the rubber seal as follows:
  - (a) With a acrylic spatula, remove the sealant under the rubber seal along the contour of the hatch.

**NOTE:** Observer the correct position of the sealant. This will help you during the installation procedure.
  - (b) Slowly release the rubber seal with a acrylic spatula until the rubber seal is fully removed from the door.
  - (c) Remove the old sealant from along the contour of the hatch.

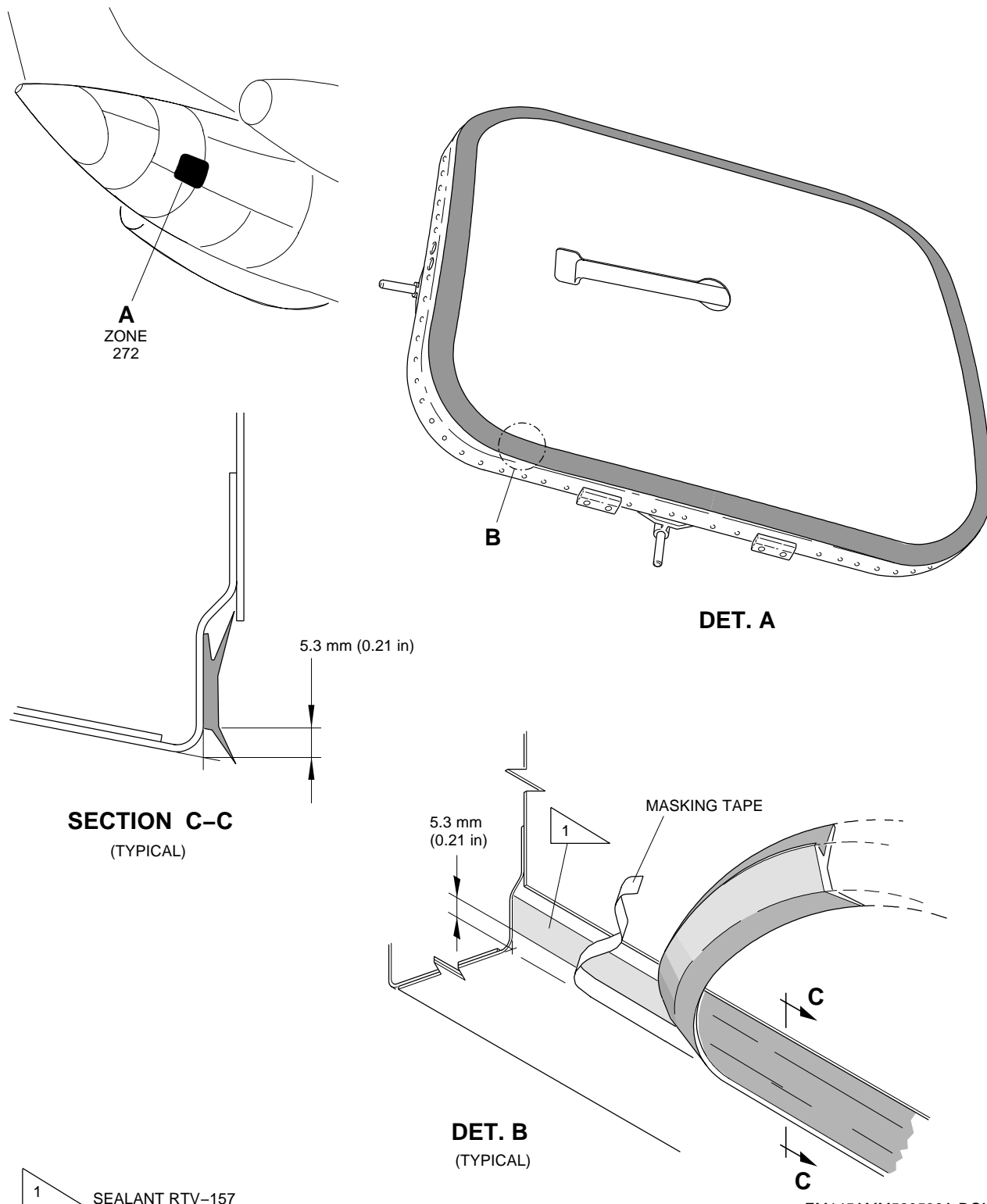
**WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING. DO NOT BREATHE THE SOLVENT GASES AND WORK IN A WELL VENTILATED AREA.**

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

EFFECTIVITY: ALL

Rubber Seal - Removal/Installation

Figure 401



EM145AMM520539A.DGN

TASK 52-44-02-400-801-A  
EFFECTIVITY: ALL

### 3. REAR ELECTRONIC COMPARTMENT DOOR RUBBER SEAL - INSTALLATION

#### A. General

- (1) This task gives the procedures to install the rubber seal of 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	-
<a href="#">AMM TASK 52-44-01-400-801-A/400</a>	REAR ELECTRONIC-COMPARTMENT DOOR - INSTALLATION
IPC 52-44-00	REAR ELECTRONIC BAY DOOR
SRM 51-20-01-PR	-

#### C. Zones and Accesses

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

#### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Acrylic Spatula	To remove the sealant	
Commercially available	Cutter	To remove the rubber seal	

#### 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
	Silicone sealant - RTV 157 (Gray)	AR
Commercially available	Adhesive tape	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Rubber Seal	IPC 52-44-00	AR

H. Persons Recommended

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

I. Installation (Figure 401)

**SUBTASK 420-002-A**

- (1) Install the rubber seal as follows:
  - (a) Along the contour of the hatch, apply masking tape at 5.3 mm (0.21 in) from the hatch edge to protect the part that will not receive the sealant (Figure 401); DET. B).
  - (b) Prepare the parts of the hatch to which sealant RTV-157 will be applied.
  - (c) Apply a thin coat of sealant RTV-157 along all hatch contour where the rubber seal will be installed. Refer to SRM 51-20-01-PR for the curing time.  
NOTE: The sealant curing time changes with the environmental conditions. Refer to SRM 51-20-01-PR.
  - (d) Install the rubber seal.  
NOTE: Clean the excess sealant.
  - (e) Remove the masking tapes from the hatch.
  - (f) Push your finger against the seal to install it correctly.

J. Follow-on

**SUBTASK 842-002-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.