

## BAGGAGE-DOOR PROTECTIVE PLATE - REMOVAL/INSTALLATION

*EFFECTIVITY: FOR AIRCRAFT WITH PROTECTIVE PLATE INSTALLED*

### 1. General

- A. This section gives the procedures to remove and install the baggage-door protective plate.
- 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
53-31-01-000-801-A	BAGGAGE-DOOR PROTECTIVE PLATE - REMOVAL	FOR AIRCRAFT WITH PROTECTIVE PLATE INSTALLED
53-31-01-400-801-A	BAGGAGE-DOOR PROTECTIVE PLATE - INSTALLATION	FOR AIRCRAFT WITH PROTECTIVE PLATE INSTALLED

TASK 53-31-01-000-801-A

*EFFECTIVITY: FOR AIRCRAFT WITH PROTECTIVE PLATE INSTALLED*

## 2. BAGGAGE-DOOR PROTECTIVE PLATE - REMOVAL

### A. General

(1) This task gives the procedure to remove the baggage-door protective plate.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 53-01-03-000-801-A/400</a>	BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271		Baggage compartment - LH

### 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	Baggage compartment - LH

### I. Preparation

**SUBTASK 841-002-A**

(1) If it is necessary to install a new protective plate, do these steps:

(a) Open the baggage door.

(b) Remove the baggage-compartment floor panels, as applicable (Refer to [AMM TASK 53-01-03-000-801-A/400](#)).

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

**SUBTASK 020-002-A**

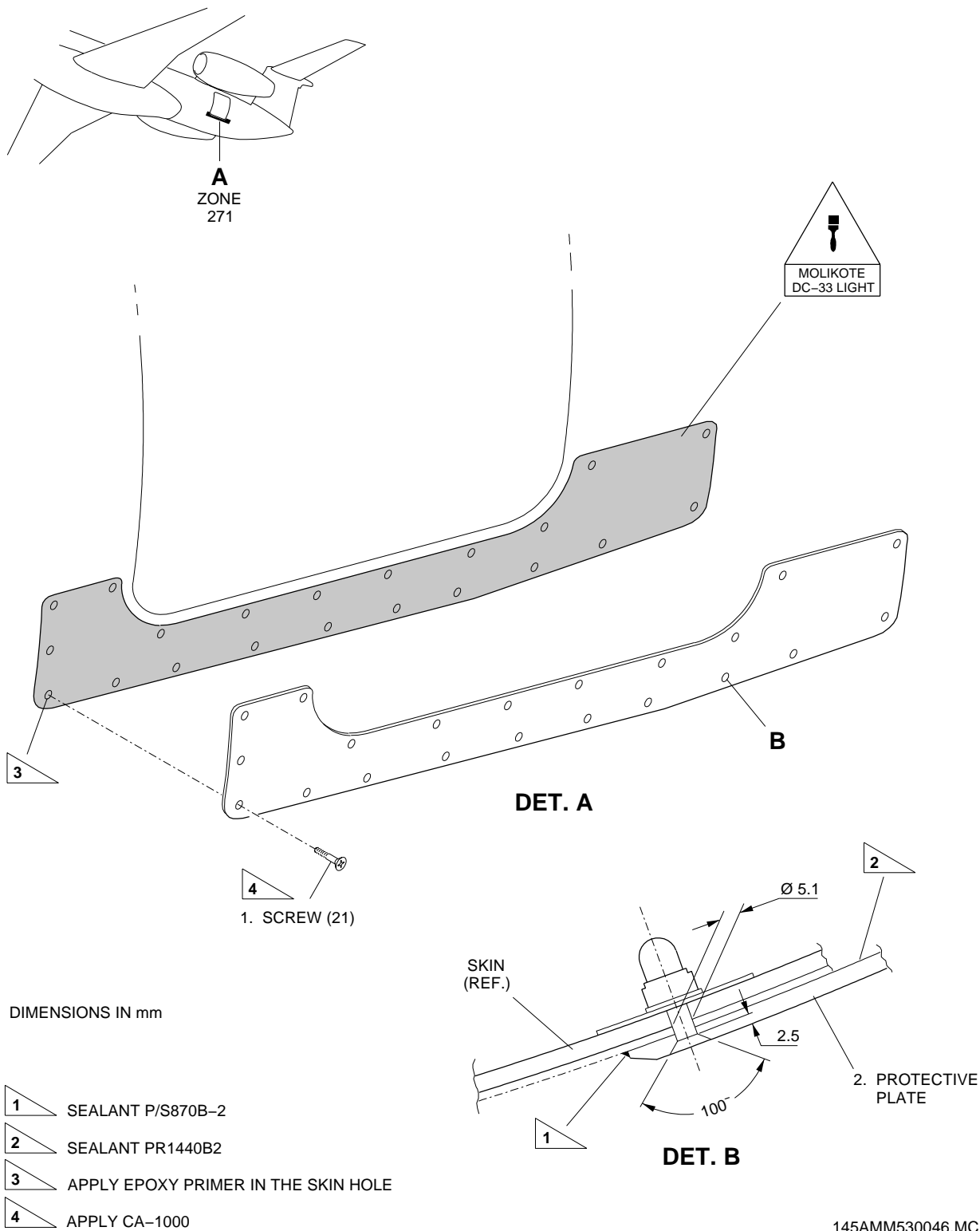
(1) Remove the screws (1).

(2) Remove the protective plate (2).

EFFECTIVITY: FOR AIRCRAFT WITH PROTECTIVE PLATE INSTALLED

Baggage-Door Protective Plate - Removal/Installation

Figure 401



TASK 53-31-01-400-801-A

EFFECTIVITY: FOR AIRCRAFT WITH PROTECTIVE PLATE INSTALLED

3. BAGGAGE-DOOR PROTECTIVE PLATE - INSTALLATION

A. General

(1) This task gives the procedure to install the baggage-door protective plate.

B. References

REFERENCE	DESIGNATION
<a href="#">AMM TASK 53-01-03-400-801-A/400</a>	BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION
CPM 51-21-05	-
IPC 53-31-00	REAR I
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
271		Baggage compartment - LH

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8802 type II class B2	Sealant, rubber - PR1440B2	AR
MIL-S-81733 type II-2	Sealant, polysulfide gray - P/S870B-2	AR
MSM 36-002 type I	Silicone grease, light consistency - Molykote DC-33 light	AR
MEP 09-060	Corrosion-Inhibiting Compound (CA-1000)	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Baggage-door protective plate	IPC 53-31-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Baggage compartment - LH

I. Preparation (Figure 401)

*SUBTASK 841-003-A*

- (1) If it is necessary to install a new protective plate, do these steps:
  - (a) Put the new protective plate on the fuselage skin.
  - (b) Transfer the holes from the fuselage skin to the protective plate.
  - (c) Drill the holes in the protective plate. See DET. B for the final hole diameter.

J. Installation (Figure 401)

*SUBTASK 420-002-A*

- (1) Remove the old aerodynamic sealant.

**NOTE:** Contact Embraer Technical Support if you find signs of corrosion in the skin holes or on the screws (1).
- (2) Apply epoxy primer in the skin holes where the protective plate is attached. For epoxy primer application, refer to CPM 51-21-05
- (3) Apply Molykote grease to the fuselage surface.
- (4) Apply PR1440B2 sealant to the plate surface (Refer to SRM 51-20-01).
- (5) Install the protective plate (2).
- (6) Wet-assemble the screws (1) moist with CA-1000 sealant.
- (7) Apply P/S870B-2 sealant along the contour of the protective plate (Refer to SRM 51-20-01).

K. Follow-on

*SUBTASK 842-002-A*

- (1) Do these steps, if a new protective plate was installed.
  - (a) Install the baggage-compartment floor panels, as applicable (Refer to [AMM TASK 53-01-03-400-801-A/400](#)).
  - (b) Close the baggage door.

