

BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the Baggage-Compartment Floor Panels.
- 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
53-01-03-000-801-A	BAGGAGE-COMPARTMENT FLOOR PAN- ALL ELS - REMOVAL	
53-01-03-400-801-A	BAGGAGE-COMPARTMENT FLOOR PAN- ALL ELS - INSTALLATION	

TASK 53-01-03-000-801-A

EFFECTIVITY: ALL

2. BAGGAGE-COMPARTMENT FLOOR PANELS - REMOVAL

A. General

(1) This task gives the instructions to remove the Baggage-Compartment Floor Panels.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM SDS 52-30-00/1	
AMM TASK 25-50-01-000-801-A/400	BAGGAGE-COMPARTMENT ANTI-BLOCKAGE BARRIER - REMOVAL
AMM TASK 25-50-02-000-801-A/400	CARGO NET ASSEMBLY - REMOVAL
AMM TASK 25-50-03-000-802-A/400	CARGO LOADING/UNLOADING RAMP - REMOVAL
AMM TASK 25-51-01-000-801-A/400	BAGGAGE COMPARTMENT LINING - REMOVAL
AMM TASK 25-51-04-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR LINING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
170		Fuselage rear section I

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the screws	

E. Auxiliary Items

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

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-680, TYPE I	Solvent or equivalent	AR
TT-I-735	Isopropyl alcohol	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	In the baggage compartment

I. Preparation

SUBTASK 841-002-A

- (1) Open the baggage compartment door ([AMM SDS 52-30-00/1](#)).
- (2) Disconnect the cargo-door anti-blockage barrier from the cargo loading/unloading ramp, the cargo compartment lining, and the baggage-compartment floor lining ([AMM TASK 25-50-01-000-801-A/400](#)).
- (3) Remove the cargo restraint net and the anchor plate ([AMM TASK 25-50-02-000-801-A/400](#)).
- (4) Remove the floor angle ([AMM TASK 25-51-01-000-801-A/400](#)).
- (5) Remove the floor finish fittings ([AMM TASK 25-51-04-000-801-A/400](#)) to remove floor panels 271AF, 271BF, and 271FF (AMM MPP 06-41-02/100).
- (6) Remove the cargo loading/unloading ramp ([AMM TASK 25-50-03-000-802-A/400](#)) to remove floor panels 271BF and 271FF (AMM MPP 06-41-02/100).
- (7) Remove the baggage-compartment floor lining ([AMM TASK 25-51-04-000-801-A/400](#)).

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

SUBTASK 020-002-A

- (1) Remove the screws (2) that attach the protection plate (1) to the baggage-compartment floor beams to remove floor panel 271FF.
- (2) Remove the protection plates (1) to remove floor panel 271FF.
- (3) Remove the screws (4) that attach the floor panel (3) to the baggage-compartment floor beams.
- (4) Remove the floor panel (3).
- (5) Examine the polyethylene tape on floor panels for general condition. If it is necessary, replace the tape with a new one.
 - (a) Discard the old polyethylene tape.

WARNING: MIL-PRF-680 TYPE I SOLVENT IS CLASSIFIED AS A FLAMMABLE PRODUCT, DO NOT USE IN TEMPERATURES ABOVE 38°C (100°F). ASSURE PROPER VENTILATION TO USE IN ANY AIRCRAFT AREA.

- (6) With a cloth soaked in solvent, clean the surface butt straps of floor structure for remove the old CIC.

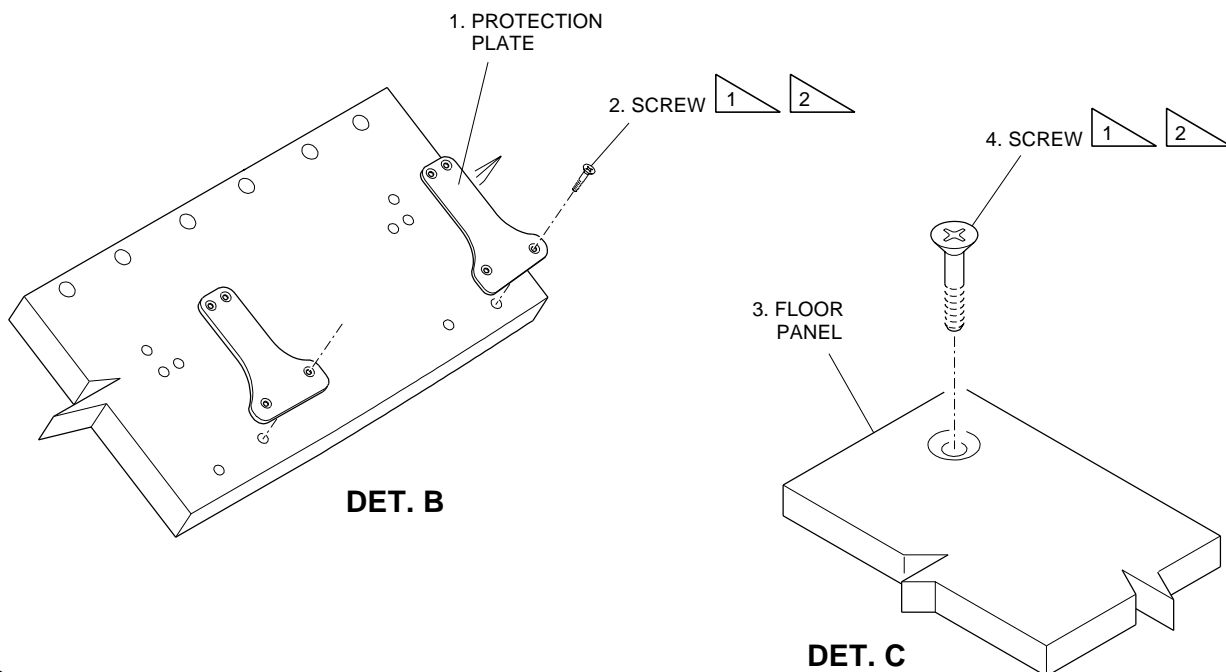
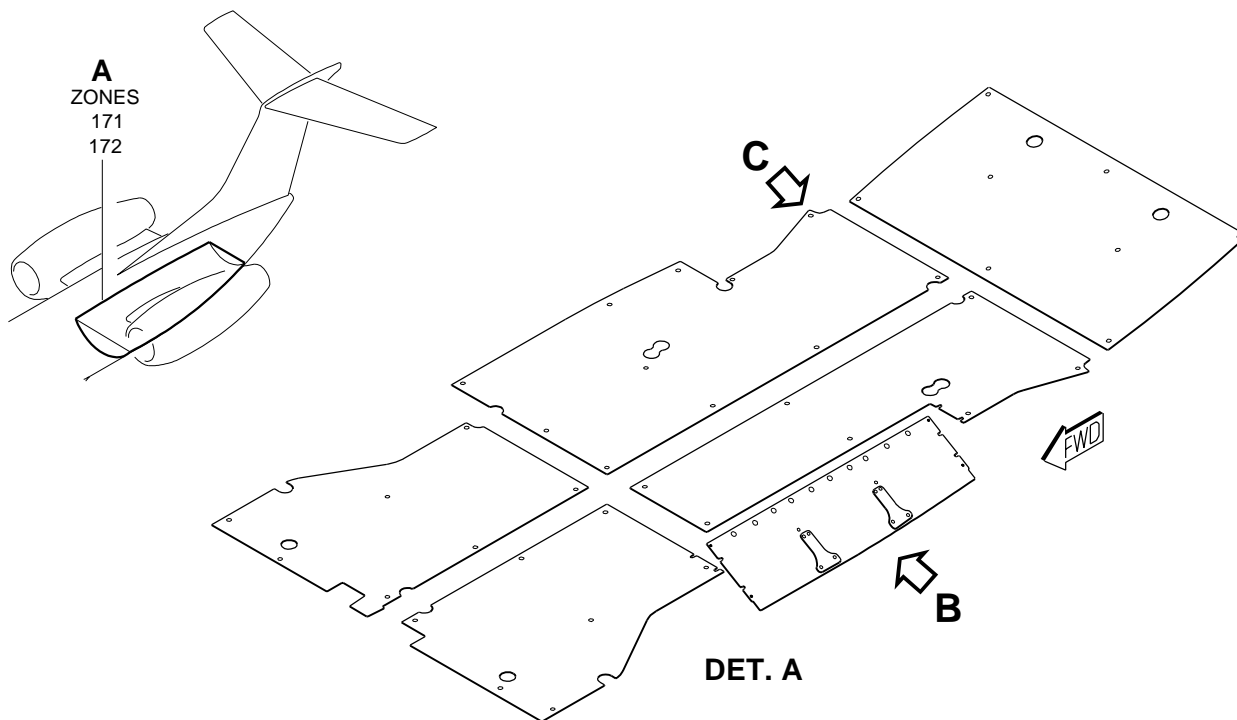
WARNING: BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.

- (7) With a clean cloth soaked in Isopropyl alcohol, clean all floor panels where the work will be done.

EFFECTIVITY: ALL

Baggage-Compartment Floor Panels - Removal/Installation

Figure 401



1 TORQUE: 1.8 – 2.9 N.m (16 – 26 lb.in)

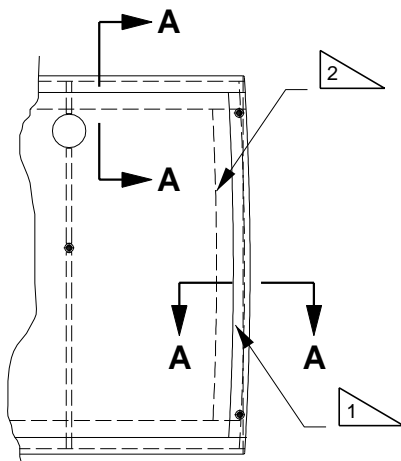
2 THE SCREWS MUST BE WET WITH COR-BAN 27L.

EM145AMM530027C.DGN

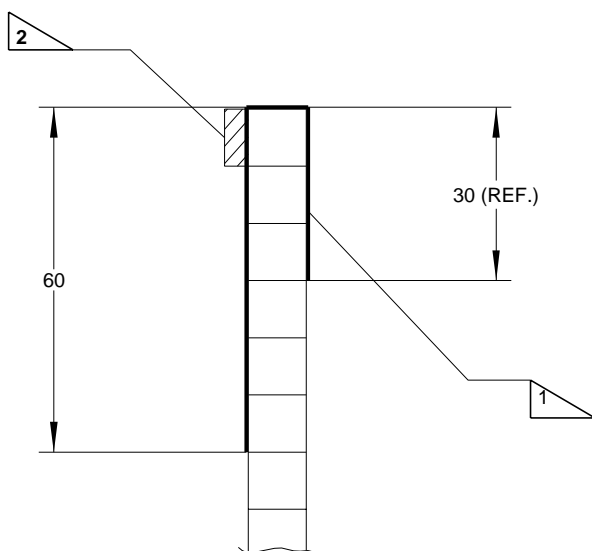
EFFECTIVITY: ALL

Floor Panel Protection to Prevent Corrosion

Figure 402



TYPICAL DETAIL



SECTION AA


1 INSTALL ADHESIVE POLYETHYLENE TAPE ALONG THE CONTOUR OF THE FLOOR PANELS AS INDICATED


2 INSTALL A BLACK FOAM SHAPE (3 x 20 mm) ALONG THE CONTOUR OF THE FLOOR PANELS AS INDICATED

DIMENSIONS IN mm

145AMM530202.MCE

TASK 53-01-03-400-801-A

EFFECTIVITY: ALL

3. BAGGAGE-COMPARTMENT FLOOR PANELS - INSTALLATION

A. General

(1) This task gives the instructions to install the Baggage-Compartment Floor Panels.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-02/100	-
AMM SDS 52-30-00/1	
AMM TASK 25-50-01-400-801-A/400	BAGGAGE-COMPARTMENT ANTI-BLOCKAGE BARRIER - INSTALLATION
AMM TASK 25-50-02-400-801-A/400	CARGO NET ASSEMBLY - INSTALLATION
AMM TASK 25-50-03-400-802-A/400	CARGO LOADING/UNLOADING RAMP - INSTALLATION
AMM TASK 25-51-01-400-801-A/400	BAGGAGE COMPARTMENT LINING - INSTALLATION
AMM TASK 25-51-04-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR LINING - INSTALLATION
CPM 51-61-00	-
IPC 53-01-01	COCKPIT FLOOR
IPC 53-01-02	PASSENGER CABIN FLOOR

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
170		Fuselage rear section I

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the screws	
Commercially available	Acrylic spatula	To install polyurethane film	

E. Auxiliary Items

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

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MEP 09-075	Corrosion-Inhibiting Compound (COR-BAN 27L)	AR
MEP 10-063	Corrosion-Inhibiting Compound (Dinitrol AV-30)	AR
TT-I-735	Isopropyl alcohol	AR

G. Expendable Parts

<i>ITEM</i>	<i>IPC REFERENCE (VENDOR REFERENCE)</i>	<i>QTY</i>
PI335 Preto AE-AA3x20MM (Black foam shape (3 x 20 mm))	IPC 53-01-02	AR
5421-100 mm (Polyethylene Tape)	IPC 53-01-02	AR
Floor Panel	IPC 53-01-01	AR

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	In the baggage compartment

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) If there is a polyethylene tape on the butt straps on floor structure and it is damaged, do this step:
- (2) Apply Dinitrol AV-30 and the new polyethylene tape on the butt straps of floor structure in the Baggage areas according to CPM 51-61-00.
- (3) If there is a black foam shape (3 x 20 mm) on the floor panel edges and it is damaged, refer to (Figure 402) and do these steps:
 - (a) Cut the damaged portion of the black foam shape (3 x 20 mm) and discard it.
NOTE: Make sure that the polyethylene tape is not damaged.
 - (b) Install a new portion of the black foam shape (3 x 20 mm).
- (4) If there is a polyethylene tape on the floor panel edges and it is damaged, refer to (Figure 402) and do these steps:
 - (a) Apply the new polyethylene tape and, with aid of an acrylic spatula, remove the bubbles.
NOTE: Protect with the same tape the bottom part of the floor panel insert which will be in contact with the floor structure.
 - (b) Install a new black foam shape (3 x 20 mm).
- (5) Install the floor panel (3).

WARNING: COR-BAN 27L IS TOXIC TO SKIN, EYES, AND RESPIRATORY TRACT. USE PVC GLOVES AND EYE PROTECTION. USE ONLY IN WELL VENTILATED AREAS. OBEY THE MANUFACTURER'S HEALTH AND SAFETY INSTRUCTIONS.

- (6) Install the screws (4) that attach the floor panel (3) to the baggage-compartment floor beams. The screws must be wet with COR-BAN 27L.

- (7) Tighten the screws (1).

NOTE: Apply torque of 1.8 - 2.9 N.m (16 - 26 lbf.in).

- (8) Install floor panel 271FF as follows:

- (a) Install the floor panel (3).

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- (b) Install the screws (4) that attach the floor panel (3) to the baggage-compartment floor beams. The screws must be wet with COR-BAN 27L.

- (c) Install the protection plates (1).

- (d) Install the screws (2) that attach the protection plate (1) to the baggage-compartment floor beams.

- (e) Tighten the screws (4) and (2).

NOTE: Apply torque of 1.8 - 2.9 N.m (16 - 26 lbf.in).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the baggage-compartment floor lining ([AMM TASK 25-51-04-400-801-A/400](#)).
- (2) Install the cargo loading/unloading ramp ([AMM TASK 25-50-03-400-802-A/400](#)) if you removed floor panels 271BF and 271FF (AMM MPP 06-41-02/100).
- (3) Install the floor finish fittings ([AMM TASK 25-51-04-400-801-A/400](#)) if you removed floor panels 271AF, 271BF and 271FF (AMM MPP 06-41-02/100).
- (4) Install the floor angle ([AMM TASK 25-51-01-400-801-A/400](#)).
- (5) Install the anchor plate and the cargo restraint net ([AMM TASK 25-50-02-400-801-A/400](#)).
- (6) Connect the cargo-door anti-blockage barrier to the cargo loading/unloading ramp, the cargo compartment lining, and the baggage-compartment floor lining ([AMM TASK 25-50-01-400-801-A/400](#)).
- (7) Close the baggage compartment door ([AMM SDS 52-30-00/1](#)).

