

FLOOR PROXIMITY STRIP LIGHTS - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures for the removal/installation of the floor proximity strip lights.
- B. The emergency floor lights are installed on the passenger cabin floor.
- 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
33-50-12-000-801-A	FLOOR PROXIMITY STRIP LIGHTS - REMOVAL	FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS
33-50-12-400-801-A	FLOOR PROXIMITY STRIP LIGHT - INSTALLATION	FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS
33-50-12-000-802-A	PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT - REMOVAL	FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS
33-50-12-400-802-A	PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT - INSTALLATION	FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS
33-50-12-000-803-A	FLOOR SIDEWALL ASSEMBLY - REMOVAL	ACFT MODEL(S) EMB-145
33-50-12-400-803-A	FLOOR SIDEWALL ASSEMBLY - INSTALLATION	ACFT MODEL(S) EMB-145

TASK 33-50-12-000-801-A

EFFECTIVITY: FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS

2. FLOOR PROXIMITY STRIP LIGHTS - REMOVAL

A. General

(1) This task gives procedures for the removal of the emergency floor lights.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Performs the Task	Passenger Cabin

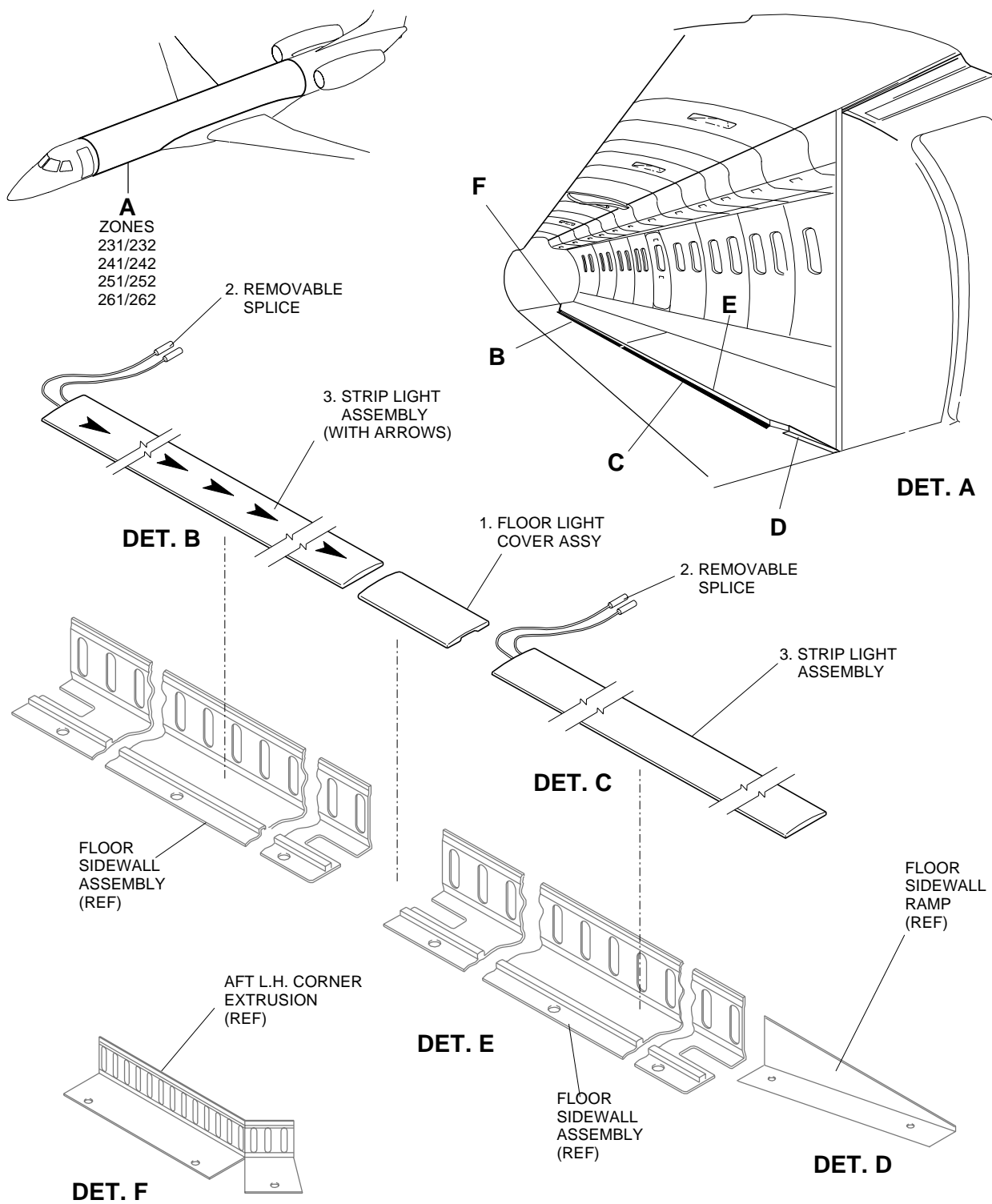
H. Removal of the Emergency Floor Lights ([Figure 401](#))

SUBTASK 020-018-B

EFFECTIVITY: FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS

- (1) Remove the floor light cover assembly (1).
- (2) Remove the removable splice (2).
- (3) Remove the strip light assemblies (3).

EFFECTIVITY: FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS
Emergency Floor Lights - Removal/Installation
Figure 401



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TASK 33-50-12-400-801-A

EFFECTIVITY: FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS

3. FLOOR PROXIMITY STRIP LIGHT - INSTALLATION

A. General

(1) This task gives procedures for the installation of the emergency floor lights.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Performs the task	Passenger cabin

H. Installation of the Emergency Floor Lights (Figure 401)

SUBTASK 420-018-B

EFFECTIVITY: FOR AIRCRAFT WITH ELECTROLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS

(1) Install the strip light assemblies (3).

NOTE: When you install the strip light assemblies, make sure that the arrows point in the flight direction.

(2) Install the removable splice (2).

(3) Install the floor light cover assembly (1).

I. Follow-on

SUBTASK 842-013-B

(1) Test the operation of the emergency strip light at the attendant control panel (switch NORM/ON).

TASK 33-50-12-000-802-A

EFFECTIVITY: FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS

4. PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT - REMOVAL

A. General

(1) This task gives the procedure to remove the Photoluminescent Floor-Proximity Strip Lights.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
231		Passenger cabin
232		Passenger cabin
241		Passenger cabin
242		Passenger cabin
251		Passenger cabin
252		Passenger cabin
261		Passenger cabin
262		Passenger cabin

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

H. Removal ([Figure 402](#))

SUBTASK 020-020-B

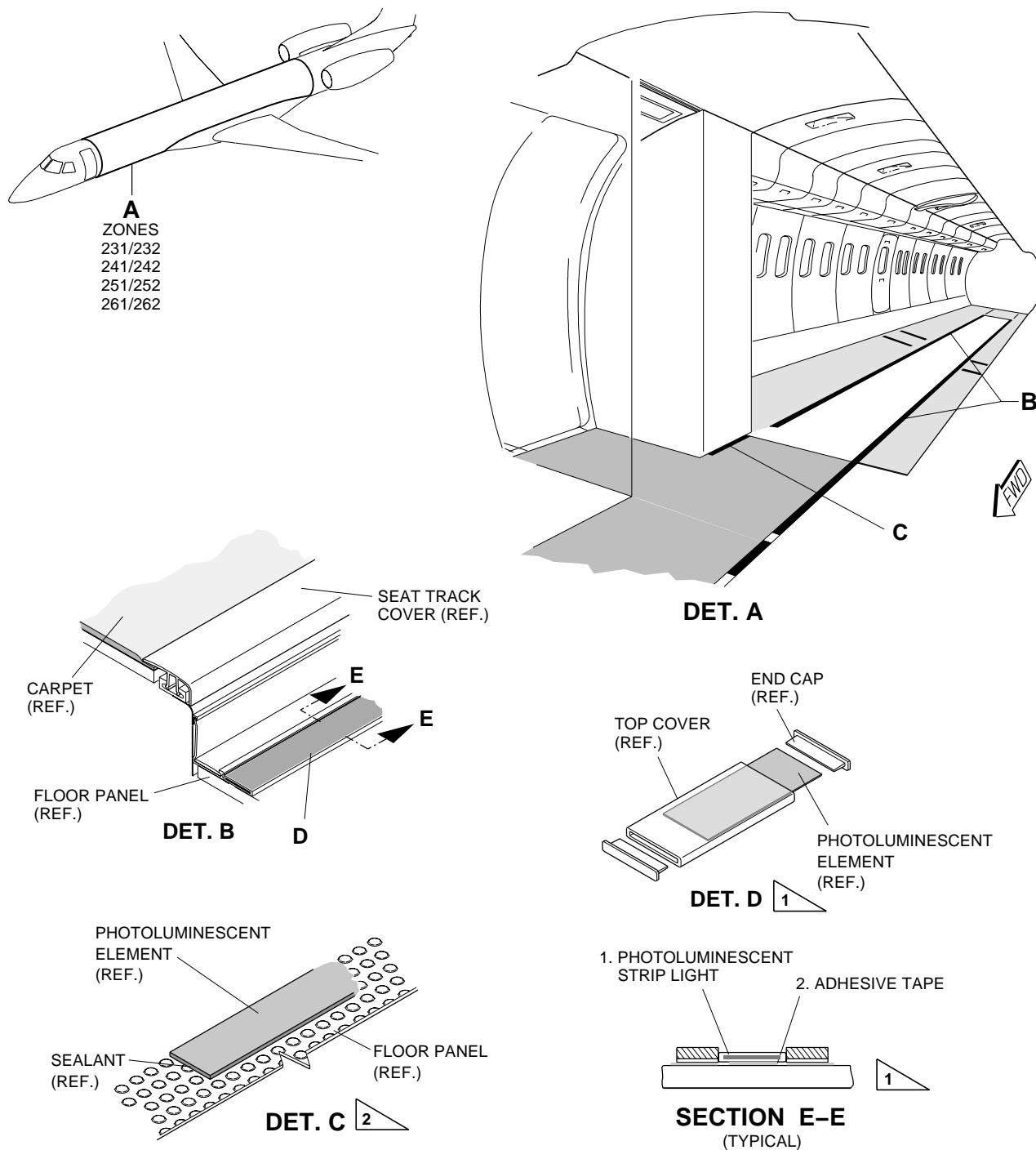
(1) Remove the Photoluminescent Strip Light (1) from the floor panel with the aid of a spatula or an equivalent object that does not cause damage to the casing.

NOTE: For photoluminescent strip lights details, see applicable IPC manual.

EFFECTIVITY: FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS

Photoluminescent Floor-Proximity Strip Light - Removal/Installation

Figure 402



1 FOR AIRCRAFT WITH PROTECTION TOP COVER

2 FOR AIRCRAFT WITHOUT PROTECTION TOP COVER

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TASK 33-50-12-400-802-A

EFFECTIVITY: FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS

5. PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT - INSTALLATION

A. General

- (1) This task gives the procedure for the installation of the Photoluminescent Floor-Proximity Strip Light.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-50-12-100-801-A/700	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
12 mm width, 3M Scotch No. 137 or equivalent	Double-sided adhesive tape	AR
RTV 108	Sealant	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin

I. Preparation

SUBTASK 841-013-B

- (1) (FOR AIRCRAFT WITH PROTECTION TOP COVER) Clean the Photoluminescent Strip Light top covers (AMM TASK 33-50-12-100-801-A/700).
- (2) (FOR AIRCRAFT WITHOUT PROTECTION TOP COVER) Clean the Photoluminescent Strip Light element (AMM TASK 33-50-12-100-801-A/700).

J. Installation (Figure 402)

SUBTASK 420-020-B

- (1) (FOR AIRCRAFT WITH PROTECTION TOP COVER) To install the Photoluminescent Floor-Proximity Strip Light, do as follows:

- (a) NOTE: If the photoluminescent strip element (REF.) is out of the protection top cover (REF.), move it back into position.

Remove the protective film from the adhesive tape (2).

- (b) Apply the adhesive tape (2) (with its protective film on the back side) to the Photoluminescent Floor-Proximity Strip Light top cover.

- (c) Cut the adhesive tape (2) to the correct dimensions of the Photoluminescent Floor-Proximity Strip Light.

- (d) Remove the other side of the protective film from the adhesive tape (2).

- (e) Install the Photoluminescent Floor-Proximity Strip Light on the floor panel.

NOTE: For photoluminescent strip lights details, see applicable IPC manual.

- (2) (FOR AIRCRAFT WITHOUT PROTECTION TOP COVER) To install the Photoluminescent Floor-Proximity Strip Light, do as follows:

- (a) Remove the protective film from the adhesive tape (2).

- (b) Apply the adhesive tape (2) (with its protective film on the back side) to the Photoluminescent Floor-Proximity Strip Light element.

- (c) Cut the adhesive tape (2) to the correct dimensions of the Photoluminescent Floor-Proximity Strip Light.

- (d) Remove the other side of the protective film from the adhesive tape (2).

- (e) Install the Photoluminescent Floor-Proximity Strip Light on the floor panel.

NOTE: For photoluminescent strip lights details, see applicable IPC manual.

- (f) Apply sealant along the contour of the Photoluminescent Element.

TASK 33-50-12-000-803-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

6. FLOOR SIDEWALL ASSEMBLY - REMOVAL

A. General

(1) This task gives procedures for the removal of the floor sidewall assembly.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-50-12-000-801-A/400	-
AMM TASK 33-50-12-000-802-A/400	-

C. Zones and Accesses

Not Applicable

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	Performs the Task	Passenger Cabin

I. Preparation

SUBTASK 841-012-B

(1) For aircraft with floor proximity strip light remove the strip lights (AMM TASK 33-50-12-000-801-A/400), as applicable.

(2) For aircraft with photoluminescent floor proximity strip light remove the strip lights (AMM TASK 33-50-12-000-802-A/400), as applicable.

J. Removal of the Floor Sidewall Assembly ([Figure 403](#))

SUBTASK 020-019-B

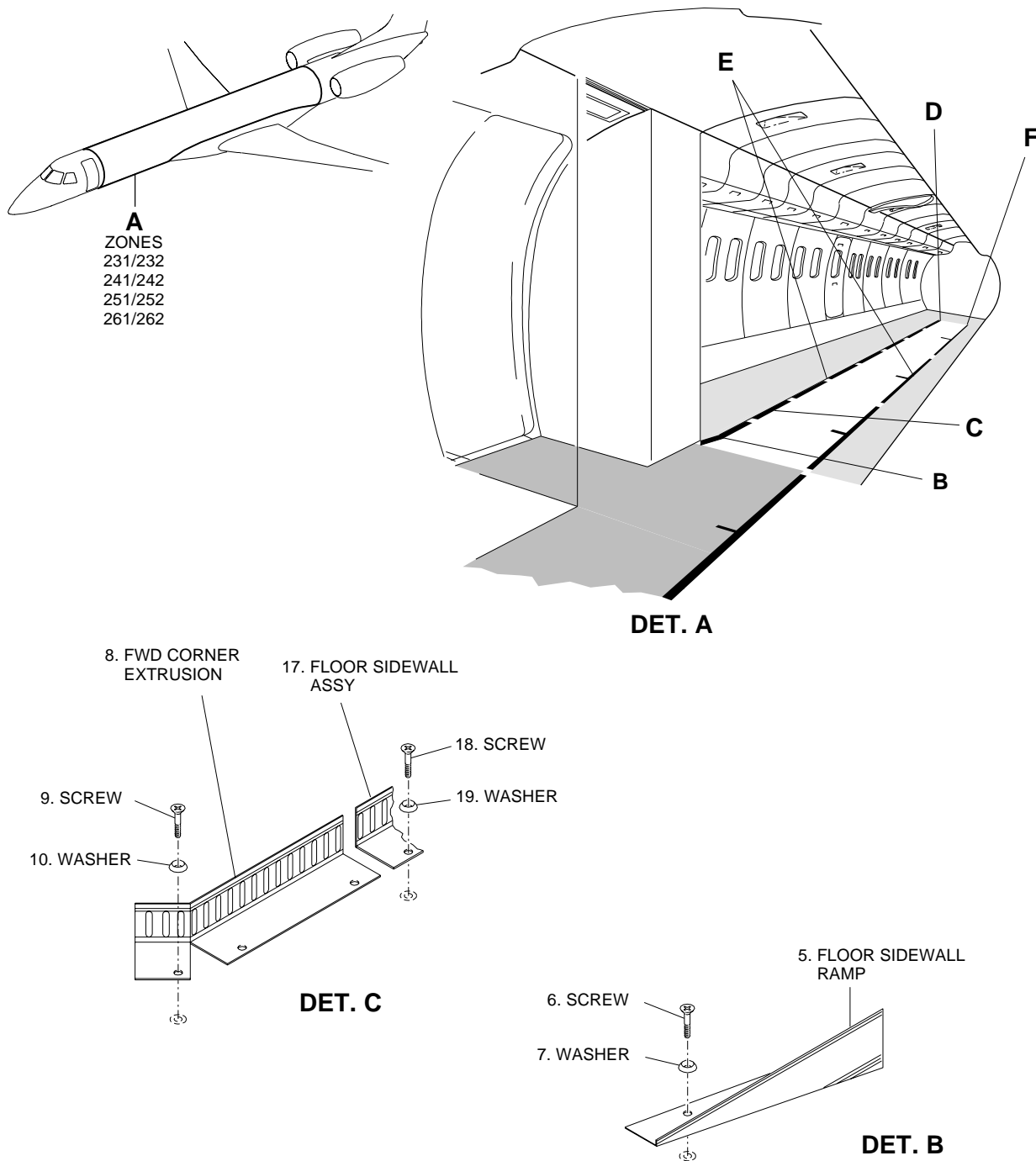
(1) For aircraft with floor sidewall assemblies attached with screws and washers

(a) Remove the floor sidewall assemblies (2) with the screws (3) and the washers (4).

(b) Remove the floor sidewall ramp (5) with the screws (6) and the washers (7).

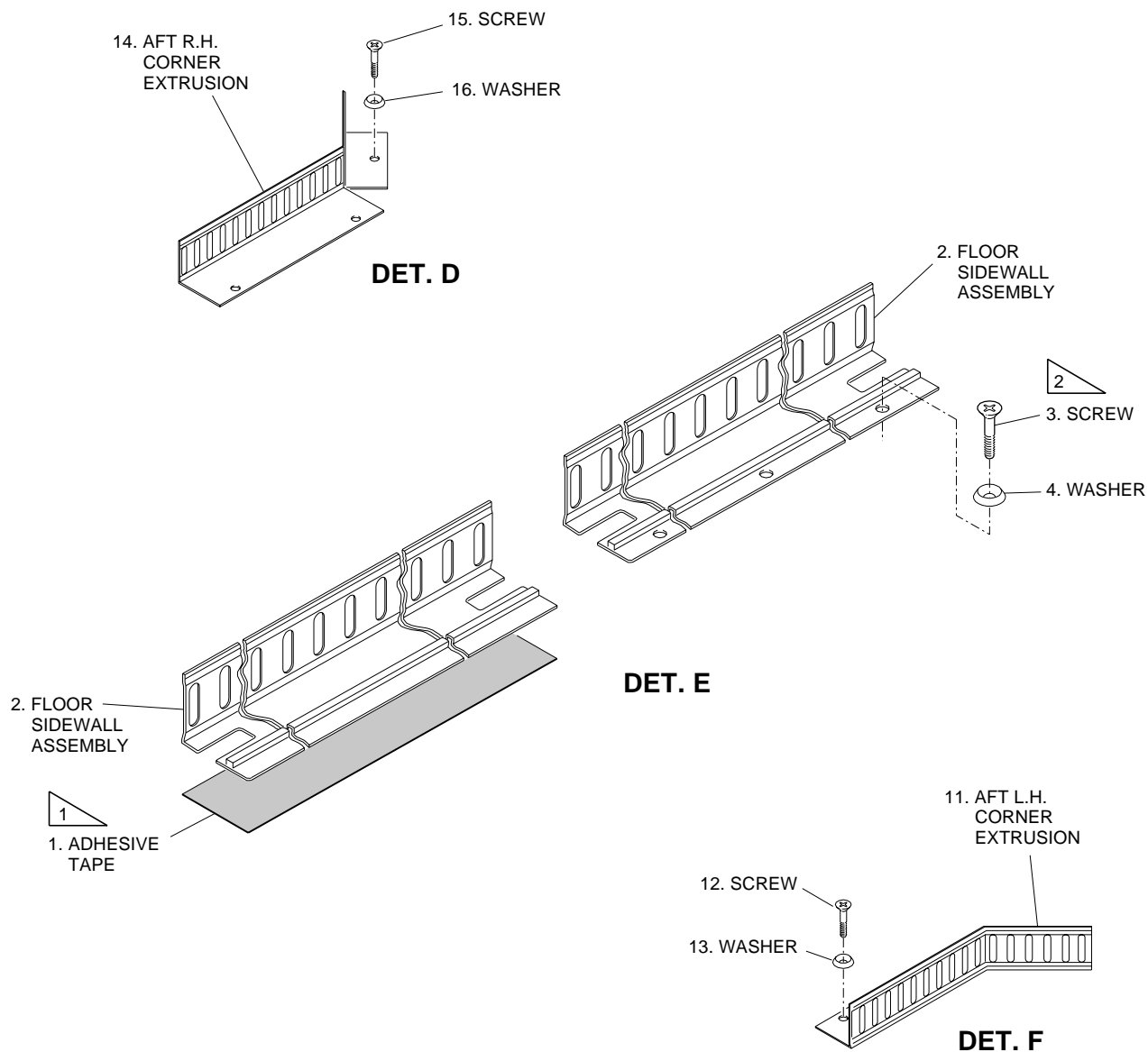
- (c) Remove the FWD corner extrusion (8) with the screws (9) and the washers (10).
 - (d) Remove the aft left hand corner extrusion (11) with the screws (12) and the washers (13).
 - (e) Remove the right hand aft corner extrusion (14) with the screws (15) and the washers (16).
 - (f) Remove the floor sidewall assemblies (17) with the screws (18) and the washers (19).
- (2) For aircraft with floor sidewall assemblies attached with adhesive tape
- (a) Remove the floor sidewall assemblies (2) with the adhesive tape(1).
 - (b) Remove the floor sidewall ramp (5) with the screws (6) and the washers (7).
 - (c) Remove the FWD corner extrusion (8) with the screws (9) and the washers (10).
 - (d) Remove the aft left hand corner extrusion (11) with the screws (12) and the washers (13).
 - (e) Remove the right hand aft corner extrusion (14) with the screws (15) and the washers (16).
 - (f) Remove the floor sidewall assemblies (17) with the screws (18) and the washers (19).

EFFECTIVITY: ACFT MODEL(S) EMB-145
Floor Sidewall Assembly - Removal/Installation
Figure 403 - Sheet 1



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EFFECTIVITY: ACFT MODEL(S) EMB-145
Floor Sidewall Assembly - Removal/Installation
Figure 403 - Sheet 2



1 FOR AIRCRAFT WITH FLOOR SIDEWALL ASSEMBLIES ATTACHED WITH ADHESIVE TAPE

2 FOR AIRCRAFT WITH FLOOR SIDEWALL ASSEMBLIES ATTACHED WITH SCREWS AND WASHERS

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TASK 33-50-12-400-803-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

7. FLOOR SIDEWALL ASSEMBLY - INSTALLATION

A. General

(1) This task gives procedures for the installation of the floor sidewall assembly.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-50-12-400-801-A/400	-
AMM TASK 33-50-12-400-802-A/400	-

C. Zones and Accesses

Not Applicable

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	Performs the task	Passenger cabin

I. Installation of the Floor Sidewall Assembly (Figure 403)

SUBTASK 420-019-B

- (1) Install the floor sidewall assemblies (17) with the screws (18) and the washers (19).
- (2) Install the right hand aft corner extrusion (14) with the screws (15) and the washers (16).
- (3) Install the aft left hand corner extrusion (11) with the screws (12) and the washers (13).
- (4) Install the FWD corner extrusion (8) with the screws (9) and the washers (10).
- (5) Install the floor sidewall ramp (5) with the screws (6) and the washers (7).
- (6) For aircraft with floor sidewall assemblies attached with screws and washers
 - Install the floor sidewall assembly (2) with the screws (3) and the washers (4).
- (7) For aircraft with floor sidewall assemblies attached with adhesive tape

- Install the floor sidewall assemblies (2) with the adhesive tape (1).

J. Follow-on

SUBTASK 842-014-B

- (1) Install the floor proximity strip light (AMM TASK 33-50-12-400-801-A/400), as applicable.
- (2) Install the photoluminescent floor proximity strip light (AMM TASK 33-50-12-400-802-A/400), as applicable.