



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

**FLOOR PROXIMITY STRIP LIGHTS - CLEANING/PAINTING**

**EFFECTIVITY: FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS**

1. General

- A. This section gives the procedures to clean the Photoluminescent Floor-Proximity Strip Lights.
- 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
33-50-12-100-801-A	PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS - CLEANING	FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS



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TASK 33-50-12-100-801-A

EFFECTIVITY: FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS

2. PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHTS - CLEANING

A. General

- (1) This task gives the procedures to clean the Photoluminescent Floor-Proximity Strip Lights.
- (2) It is not necessary to remove the Photoluminescent Floor-Proximity Strip Light to clean the Photoluminescent Floor-Proximity Strip Light top cover.

B. References

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

C. 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

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	Passenger cabin

I. Photoluminescent Floor-Proximity Strip Lights - Cleaning ([Figure 701](#))

**SUBTASK 160-007-B**

**CAUTION:** • DO NOT USE ALKALIS, AMINES, AROMATIC HYDROCARBONS, ESTERS, HALOGENATED HYDROCARBONS OR KETONES. THESE CHEMICALS CAN CAUSE DAMAGE TO THE PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT.

- DO NOT USE ABRASIVE MATERIAL TO CLEAN THE TOP COVER OF THE PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT. THE ABRASIVE MATERIAL CAN CAUSE SCRATCHES IN THE TOP COVER.

- (1) **NOTE:** The use of naphtha (VM&P or similar) product is permitted, if you do not cause prolonged exposure or soaking.

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

- (a) Use a weak detergent-and-water solution to clean the top cover (1) of the Photoluminescent Floor-Proximity Strip Light.
- (b) To clean the photoluminescent element (3) of the Photoluminescent Floor-Proximity Strip Light, do as follows:
  - 1 Remove the Photoluminescent Floor-Proximity Strip Light (AMM TASK 33-50-12-000-802-A/400).
  - 2 Remove the end cap (2) of the Photoluminescent Floor-Proximity Strip Light.
  - 3 Remove the photoluminescent element (3).

**CAUTION:** DO NOT USE SOLVENTS, PETROLEUM-BASED PRODUCTS OR CHEMICALS THAT CAN CAUSE CORROSION TO THE BASE METAL (ALUMINUM). IF YOU USE THESE PRODUCTS, DAMAGE CAN OCCUR TO THE PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT.

- 4 Use a weak detergent-and-water solution to clean the photoluminescent element (3) of the Photoluminescent Floor-Proximity Strip Light.
- 5 Put the photoluminescent element (3) into the open end of the Photoluminescent Floor-Proximity Strip Light segment.
- 6 Move the photoluminescent element (3) into Photoluminescent Floor-Proximity Strip Light segment.
- 7 Install the end cap (2).
- 8 Install the Photoluminescent Floor-Proximity Strip Light segment on the floor panel (AMM TASK 33-50-12-400-802-A/400).

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



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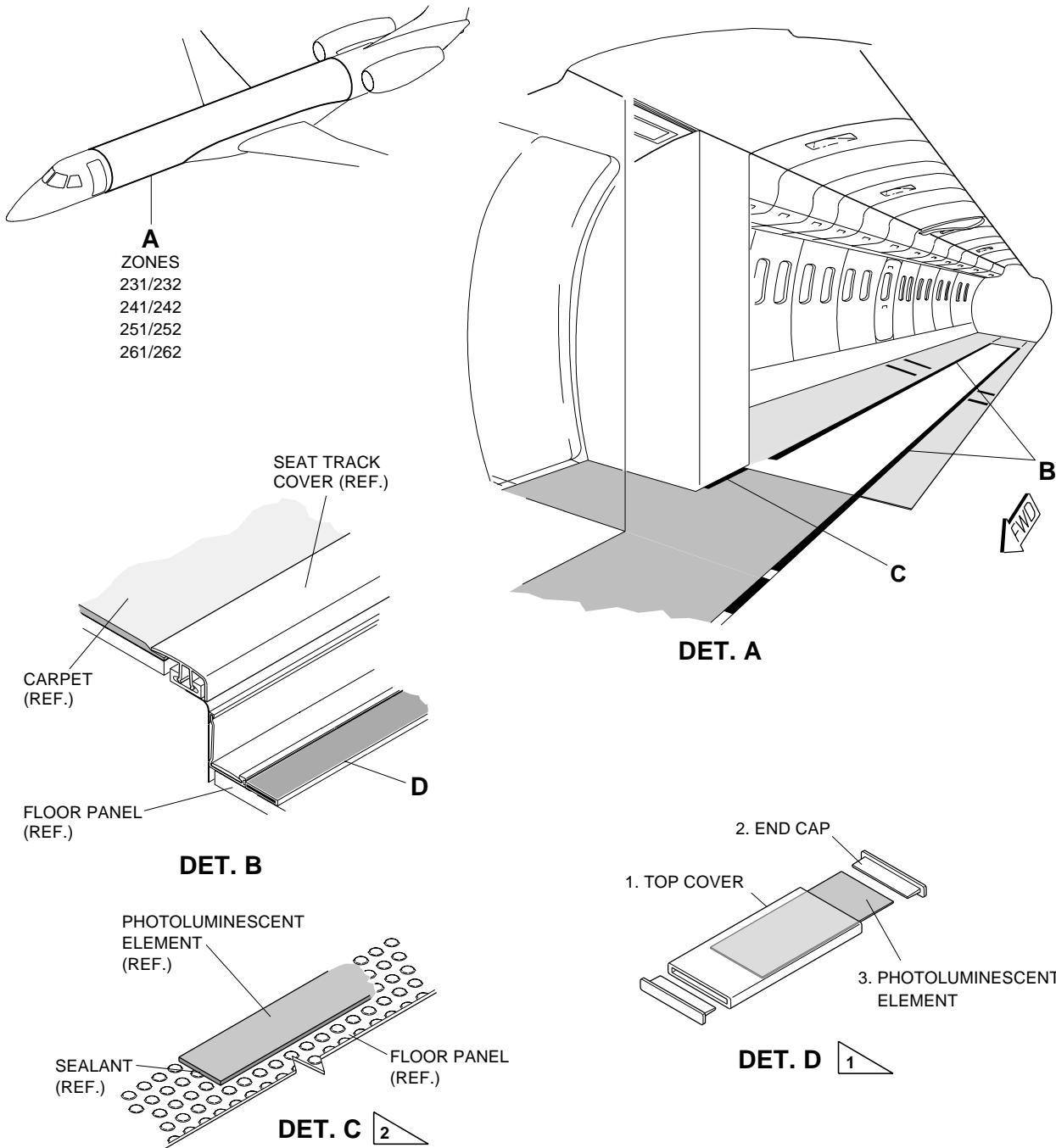
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- (a) Remove the Photoluminescent Floor-Proximity Strip Light (AMM TASK 33-50-12-000-802-A/400).

**CAUTION:** DO NOT USE SOLVENTS, PETROLEUM-BASED PRODUCTS OR CHEMICALS THAT CAN CAUSE CORROSION TO THE BASE METAL (ALUMINUM). IF YOU USE THESE PRODUCTS, DAMAGE CAN OCCUR TO THE PHOTOLUMINESCENT FLOOR-PROXIMITY STRIP LIGHT.

- (b) Use a weak detergent-and-water solution to clean the photoluminescent element (3) of the Photoluminescent Floor-Proximity Strip Light.
- (c) Install the Photoluminescent Floor-Proximity Strip Light segment on the floor panel (AMM TASK 33-50-12-400-802-A/400).

**EFFECTIVITY: FOR AIRCRAFT WITH PHOTOLUMINESCENT STRIP LIGHTS**  
 Photoluminescent Floor-Proximity Strip Lights - Cleaning  
 Figure 701



1 FOR AIRCRAFT WITH PROTECTION TOP COVER

2 FOR AIRCRAFT WITHOUT PROTECTION TOP COVER

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