



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

COMPARTMENT LIGHT SWITCH REFLECTOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the reflector of the light assemblies installed in:
- Nose Landing Gear Compartment
 - Forward Electronic Compartment
 - Control Rigging Compartment
 - Fuel/Defuel control panel Compartment
 - Rear Electronic Compartment
 - Tail Cone Compartment
- 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
33-30-02-000-801-A	COMPARTMENT LIGHT REFLECTOR - REMOVAL (TYPICAL)	ALL
33-30-02-400-801-A	COMPARTMENT LIGHT ASSEMBLY REFLECTOR - INSTALLATION (TYPICAL)	ALL



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TASK 33-30-02-000-801-A

EFFECTIVITY: ALL

2. COMPARTMENT LIGHT REFLECTOR - REMOVAL (TYPICAL)

A. General

- (1) This task gives the procedures to remove the light reflectors installed in the compartments included on the list above.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113/114		Nose Landing Gear Compartment
213/214	113CZ	Forward Electronic Compartment
123/124	123BL	Control Rigging Compartment
191	191BR	Fuel/Defuel Control Panel Compartment
271/272	272DR	Rear Electronic Compartment
311/312	312AR	Tail Cone Compartment

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	Cockpit ceiling

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the COMPT circuit breaker (Location Tip: DC BUS 2/LIGHTS/COMPT) and attach a DO-NOT-CLOSE tag to it.
- (2) On the RH electrical-power control/distribution box (AMM SDS 24-60-00/1), open the COMPT circuit breaker (Location Tip: RB SERVBUS/COMPT LT) and attach a DO-NOT-CLOSE tag to it.



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- (3) Do this item for the relamping of the fuel/defuel control panel light assembly.
 - (a) On the circuit breaker panel, open the REFUELING 1 circuit breaker and attach a DO-NOT-CLOSE tag to it.

- (4) Gain access to the related compartment.

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

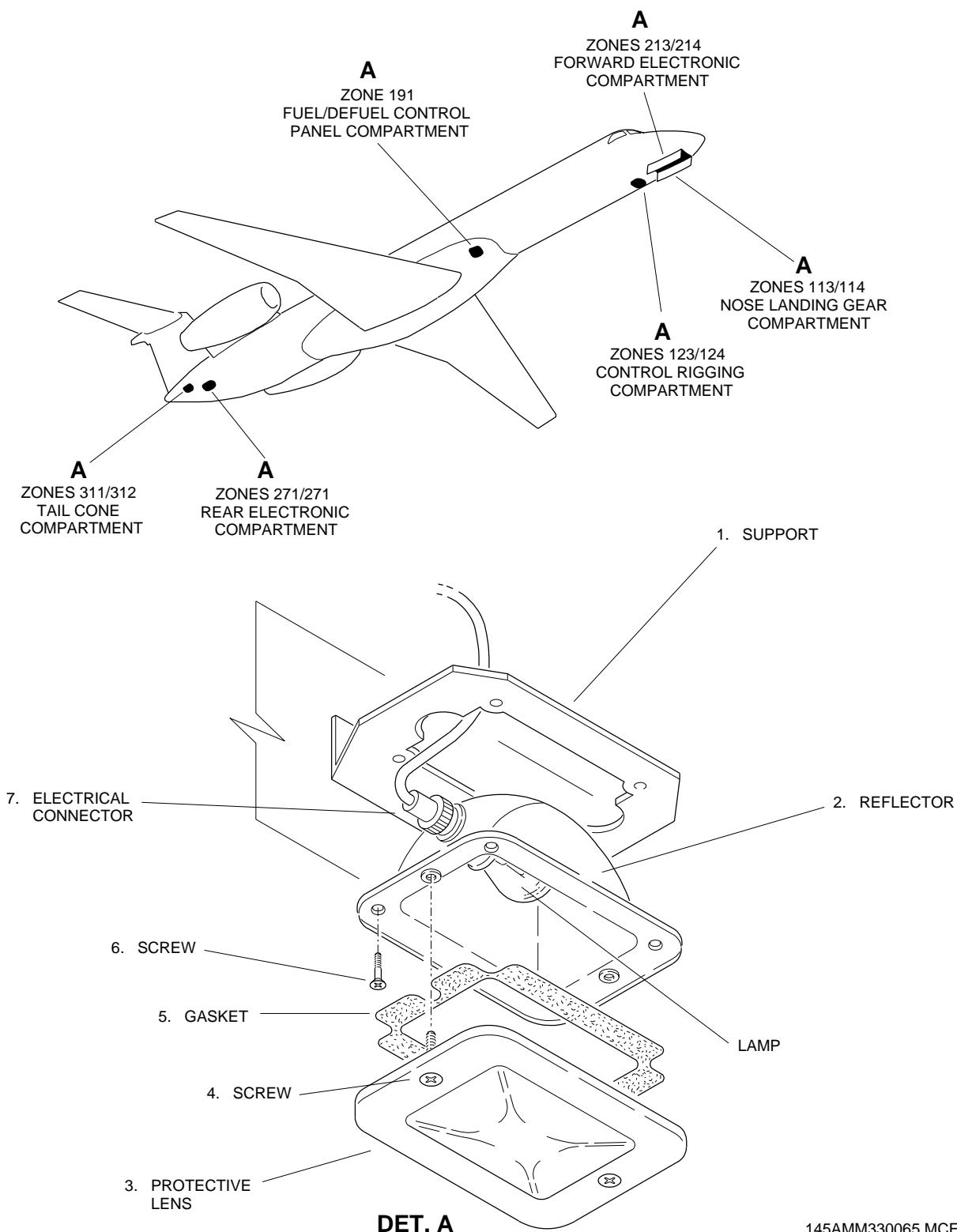
SUBTASK 020-002-A

- (1) Loosen the screws (4) and remove the protective lens (3) and gasket (5).
- (2) Remove the screws (6) that attach the reflector (2) to the support (1).
- (3) Disconnect the electrical connector (7).
- (4) Remove the reflector (2).

EFFECTIVITY: ALL

Compartment Light Reflector - Removal/Installation

Figure 401



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TASK 33-30-02-400-801-A

EFFECTIVITY: ALL

3. COMPARTMENT LIGHT ASSEMBLY REFLECTOR - INSTALLATION (TYPICAL)

A. General

(1) This task gives the procedures to install the compartment light assembly reflectors.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
AMM TASK 33-30-00-700-801-A/500	BAGGAGE AND SERVICE COMPARTMENT LIGHTS - OPERATIONAL TEST
AMM TASK 33-30-01-000-801-A/400	COMPARTMENT LIGHT ASSEMBLY LAMP - REMOVAL (TYPICAL)

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113/114		Nose Landing Gear Compartment
213/214	113CZ	Forward Electronic Compartment
123/124	123BL	Control Rigging Compartment
191	191BR	Fuel/Defuel Control Panel Compartment
271/272	272DR	Rear Electronic Compartment
311/312	312AR	Tail Cone Compartment

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	Where applicable

I. Installation (Figure 401)

SUBTASK 420-002-A

(1) Connect the electrical connector (7).

(2) Put the reflector (2) in its installation position.



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- (3) Tighten the screws (6) which attach the reflector (2) to the support (1).
- (4) Install the lamp ([AMM TASK 33-30-01-000-801-A/400](#)), if it is not installed.
- (5) Install the gasket (5) and the protective lens (3).

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the COMPT circuit breaker (Location Tip: DC BUS 2/LIGHTS/COMPT) and remove the DO-NOT-CLOSE tag from it.
- (2) On the RH electrical-power control/distribution box ([AMM SDS 24-60-00/1](#)), close the COMPT circuit breaker (Location Tip: RB SERVBUS/COMPT LT) and remove the DO-NOT-CLOSE tag from it.
- (3) On the circuit breaker panel, close the REFUELING 1 circuit breaker and remove the DO-NOT-CLOSE tag from it, if applicable.
- (4) Do the operational test of the related compartment light ([AMM TASK 33-30-00-700-801-A/500](#)).