

## **MAIN-DOOR STAIR LIGHT ASSEMBLY - REMOVAL/INSTALLATION**

**EFFECTIVITY: FOR AIRCRAFT WITH AIRSTAIR DOOR**

**1. General**

- A. This section gives the procedures for the removal/installation of the main-door stair light.
- B. The main-door stair light is installed on the main door lining, zone 811.
- 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).

<b>TASK NUMBER</b>	<b>DESCRIPTION</b>	<b>EFFECTIVITY</b>
33-26-03-000-801-A	MAIN-DOOR STAIR LIGHT ASSEMBLY - REMOVAL	FOR AIRCRAFT WITH AIRSTAIR DOOR
33-26-03-400-801-A	MAIN-DOOR STAIR LIGHT ASSEMBLY - INSTALLATION	FOR AIRCRAFT WITH AIRSTAIR DOOR
33-26-03-000-802-A	MAIN-DOOR STAIR LIGHT LENS - REMOVAL	FOR AIRCRAFT WITH REMOVABLE STAIR LIGHT LENS
33-26-03-400-802-A	MAIN-DOOR STAIR LIGHT LENS - INSTALLATION	FOR AIRCRAFT WITH REMOVABLE STAIR LIGHT LENS



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MAINTENANCE MANUAL

TASK 33-26-03-000-801-A

EFFECTIVITY: FOR AIRCRAFT WITH AIRSTAIR DOOR

2. MAIN-DOOR STAIR LIGHT ASSEMBLY - REMOVAL

A. General

- (1) This task gives the procedures to remove the main-door stair light assemblies.
- (2) The three upper stair light assemblies are interconnected by the same wire. Thus to remove one assembly, it is necessary to remove all of them.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-45-00/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811	811GW	Main door
811	811HW	Main door

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	Main door

I. Preparation

*SUBTASK 841-002-A*

- (1) Open these circuit breakers and attach a DO-NOT-CLOSE tag to them:

- (a) On the circuit breaker panel:
    - Courtesy Light 1 (Location tip: HOT BUS 2/COURTESY LIGHT 1);
    - Courtesy 2 (Location tip: DC BUS 1/LIGHTS/COURTESY 2).
  - (b) On the left power control and distribution box:

- Courtesy 3, (Location tip: RB SERV BUS/COURTESY 3).
- (2) To get access to the three upper stair light assemblies, remove access panel 811GW ([AMM MPP 06-45-00/100](#)).
- (3) To get access to the lower stair light assembly, remove access panel 811HW ([AMM MPP 06-45-00/100](#)).

**J. Removal (Figure 401)**

**SUBTASK 020-002-A**

- (1) Do these items to remove the stair light assemblies. The three upper stair light assemblies are interconnected by the same wire. Thus to remove one assembly, it is necessary to remove all of them. The lower assembly can be removed separately.
  - (a) Remove and discard the tiedown straps (5) which attach the cable.
  - (b) Disconnect the electrical connection (1).
  - (c) To remove the stair lights with lens removable, do these steps:
    - 1 Remove the sealant from around the lens (3).
    - 2 Remove the two screws (2) which attach the lens (3) to the stair light case (4) and to the stair panel.
    - 3 Remove the lens (3).
  - (d) To remove the stair lights with lens fixed, do these steps:
    - 1 Remove the sealant from around the stair light case (4).
    - 2 Remove the two screws (2) which attach the stair light case (4) to the stair panel.
  - (e) Pull the stair light case (4), turn it perpendicularly to its housing opening, and put it again into the housing in this position. Thus, the stair light case can be removed from the back side of the stairstep.

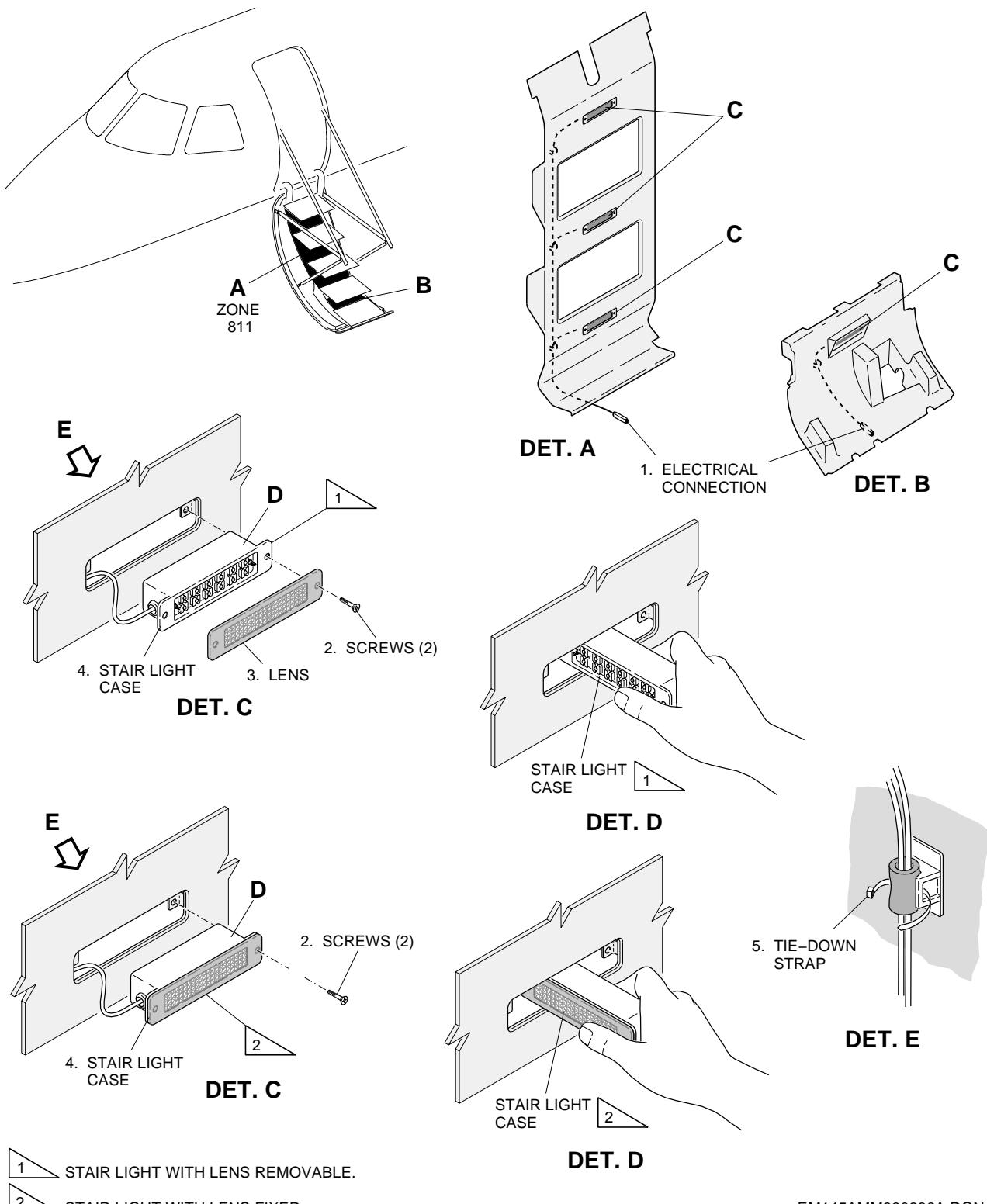


# AIRCRAFT MAINTENANCE MANUAL

#### EFFECTIVITY: FOR AIRCRAFT WITH AIRSTAIR DOOR

## Main-door Stair Light Assembly - Removal/Installation

Figure 401



#### 1 STAIR LIGHT WITH LENS REMOVABLE

## **2 STAIR LIGHT WITH LENS FIXED**

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000-801-A/400  
Page 4 of 11  
Rev 48 - Oct 30/15



# AIRCRAFT MAINTENANCE MANUAL

TASK 33-26-03-400-801-A

EFFECTIVITY: FOR AIRCRAFT WITH AIRSTAIR DOOR

## 3. MAIN-DOOR STAIR LIGHT ASSEMBLY - INSTALLATION

### A. General

- (1) This task gives the procedures to install the main-door stair light assembly.
- (2) The three upper stair light assembly are interconnected by the same wire. Thus, the three assemblies must be installed at the same time.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-45-00/100	- COMPONENT LOCATION
AMM TASK 33-26-00-700-801-A/500	COURTESY/STAIR LIGHTS - OPERATIONAL TEST
MIL-S-23190	-
SRM 51-20-01	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811	811GW	Main door
811	811HW	Main door

### D. Tools and Equipment

Not Applicable

### E. Auxiliary Items

Not Applicable

### F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Specification TT-S-00230 TYPE II	Sealant RTV 780 (white)	AR

### G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Tiedown strap	MIL-S-23190	AR

### H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Main door



## I. Installation (Figure 401)

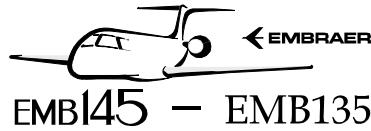
## SUBTASK 420-002-A

- (1) Do these items to install the stair light assemblies. The three upper stair light assembly are interconnected by the same wire. Thus, the three assemblies must be installed at the same time.
  - (a) From behind, perpendicularly pass the stair light case (4) through its housing opening and on the other side, turn it to its installation position.
  - (b) To install the stair lights with lens removable, do these steps:
    - 1 Put the lens (3) in its installation position.
    - 2 Tighten the two screw (2) that attach the lens to the stair light case (4) and to the stair panel.
  - (c) To install the stair lights with lens fixed, do this step:
    - 1 Tighten the two screw (2) that attach the stair light case (4) to the stair panel.
  - (d) Install the tiedown straps (5) that attach the cable.
  - (e) Make the electrical connection (1).
  - (f) To install the stair lights with lens removable, do this step:
    - 1 Apply sealant around the lens (3) (SRM 51-20-01).
  - (g) To install the stair lights with lens fixed, do this step:
    - 1 Apply sealant around the stair light case (4) (SRM 51-20-01).

## J. Follow-on

## SUBTASK 842-002-A

- (1) Install access panel 811GW or 811HW ([AMM MPP 06-45-00/100](#)), as applicable.
- (2) Remove the DO-NOT-CLOSE tag from these circuit breakers and close them.
  - (a) On the circuit breaker panel:
    - Courtesy Light 1 (Location tip: HOT BUS 2/COURTESY LIGHT 1);
    - Courtesy 2 (Location tip: DC BUS 1/LIGHTS/COURTESY 2).
  - (b) On the left power control and distribution box:
    - Courtesy 3 (Location tip: RB SERV BUS/COURTESY 3).
- (3) Do the courtesy/stair light operational test ([AMM TASK 33-26-00-700-801-A/500](#)).



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TASK 33-26-03-000-802-A

EFFECTIVITY: FOR AIRCRAFT WITH REMOVABLE STAIR LIGHT LENS

4. MAIN-DOOR STAIR LIGHT LENS - REMOVAL

A. General

- (1) This task gives the procedures to remove the main-door stair light lens.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811		Main door

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	Main door

H. Preparation

SUBTASK 841-003-A

- (1) Open these circuit breakers and attach a DO-NOT-CLOSE tag to them:

(a) On the circuit breaker panel:

- Courtesy Light 1 (Location tip: HOT BUS 2/COURTESY LIGHT 1).
- Courtesy 2 (Location tip: DC BUS 1/LIGHTS/COURTESY 2).

(b) On the left power control and distribution box:

- Courtesy 3 (Location tip: RB SERV BUS/COURTESY 3).

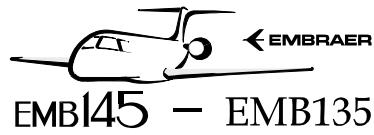
I. Removal (Figure 402)

SUBTASK 020-003-A

- (1) Do these items to remove the stair light lens:

(a) Remove the sealant from around the lens (2).

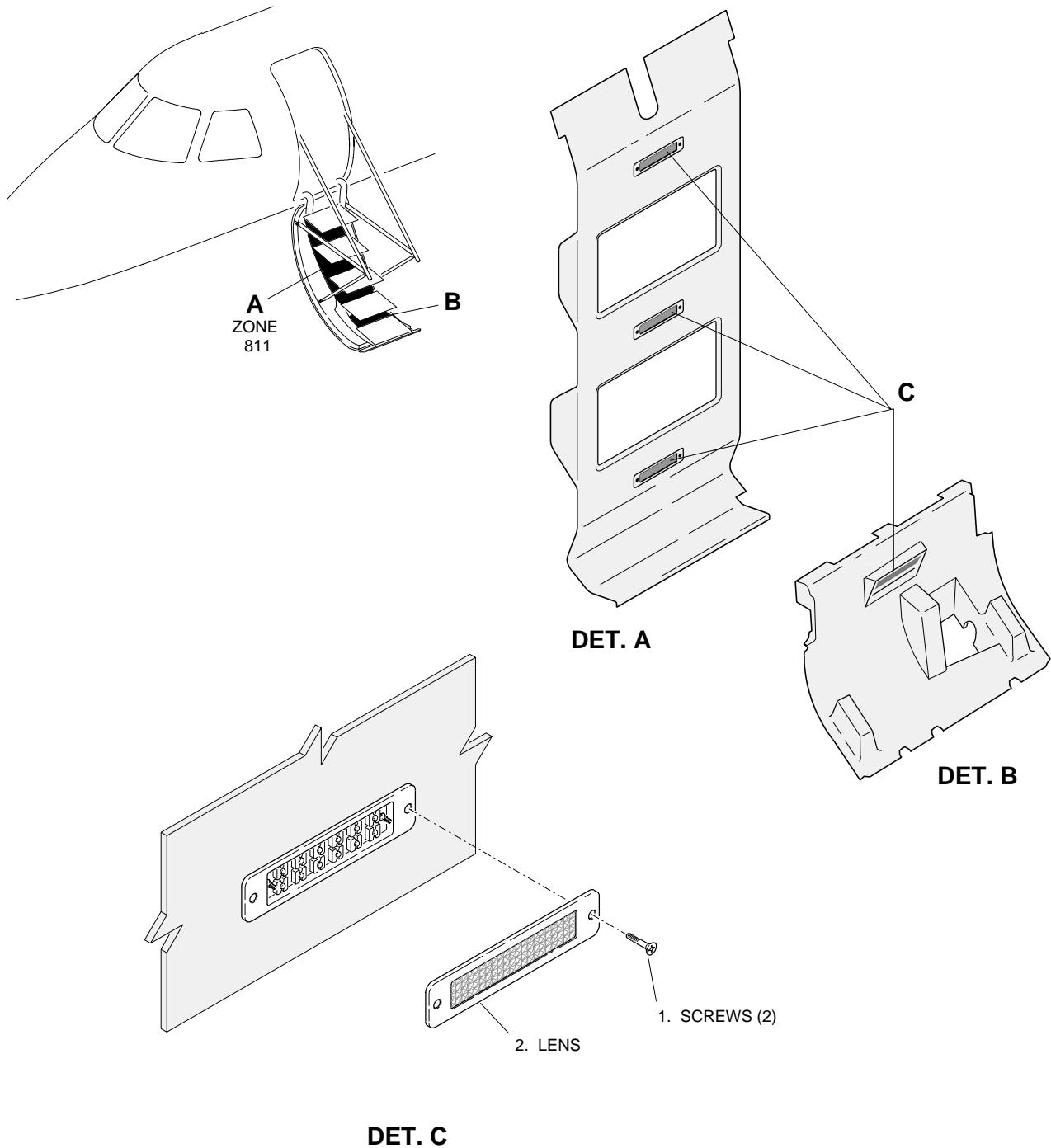
(b) Remove the two screws (1) which attach the lens (2) to the stair light case.



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- (c) Remove the lens (2).

**EFFECTIVITY: FOR AIRCRAFT WITH AIRSTAIR DOOR AND REMOVABLE STAIR LIGHT LENS**  
**Main-door Stair Light Assembly - Removal/Installation**  
**Figure 402**



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TASK 33-26-03-400-802-A

EFFECTIVITY: FOR AIRCRAFT WITH REMOVABLE STAIR LIGHT LENS

5. MAIN-DOOR STAIR LIGHT LENS - INSTALLATION

A. General

- (1) This task gives the procedures to install the main-door stair light lens.

B. References

REFERENCE	DESIGNATION
AMM TASK 33-26-00-700-801-A/500	COURTESY/STAIR LIGHTS - OPERATIONAL TEST
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
811	811	Main door

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
Specification TT-S-00230 TYPE II	Sealant RTV 780 (white)	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

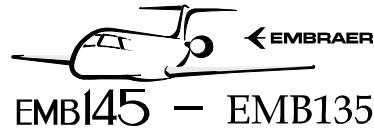
QTY	FUNCTION	PLACE
1	Does the task	Main door

I. Installation (Figure 402)

**SUBTASK 420-003-A**

- (1) Do these items to install the stair light lens:

- (a) Put the lens (2) in its installation position.
- (b) Tighten the two screw (1) that attach the lens to the stair light case.
- (c) Apply sealant around the lens (2) (SRM 51-20-01).



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J. Follow-on

SUBTASK 842-003-A

- (1) Remove the DO-NOT-CLOSE tag from these circuit breakers and close them.
  - (a) On the circuit breaker panel:
    - Courtesy Light 1 (Location tip: HOT BUS 2/COURTESY LIGHT 1);
    - Courtesy 2 (Location tip: DC BUS 1/LIGHTS/COURTESY 2).
  - (b) On the left power control and distribution box:
    - Courtesy 3 (Location tip: RB SERV BUS/COURTESY 3).
- (2) Do the courtesy/stair light operational test ([AMM TASK 33-26-00-700-801-A/500](#)).

