

## LANDING LIGHT CONTACTOR - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

### 1. General

- A. This section gives the procedures to remove and install the landing light contactors.
- B. These procedures are applicable to landing light 1 contactor, nose landing light contactor, and landing light 2 contactor.
- C. The landing light 1 contactor and nose landing light contactor are installed in the LH Electrical-power control/distribution box and the landing light 2 contactor is installed in the RH Electrical-power control/distribution box.
- D. 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
33-41-03-000-801-A	LANDING LIGHT CONTACTOR - REMOV- AL	ALL
33-41-03-400-801-A	LANDING LIGHT CONTACTOR - INSTAL- LATION	ALL

TASK 33-41-03-000-801-A

EFFECTIVITY: ALL

## 2. LANDING LIGHT CONTACTOR - REMOVAL

### A. General

(1) This procedure gives the instructions to remove the landing light contactor.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 06-41-03/100</a>	- COMPONENT LOCATION

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223UZ	LH cockpit/pax partition
224	224NZ	RH cockpit/pax partition

### 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	LH or RH cockpit/pax partition

### I. Preparation

#### *SUBTASK 841-002-A*

- (1) Make sure that the aircraft is deenergized.
- (2) To get access to the landing light 1 contactor and nose landing light contactor (LH electrical-power control/distribution box), remove the 223UZ access panel ( [AMM MPP 06-41-03/100](#)).
- (3) To get access to the landing light 2 contactor (RH electrical-power control/distribution box), remove the 224NZ access panel ( [AMM MPP 06-41-03/100](#)).

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

#### *SUBTASK 020-002-A*

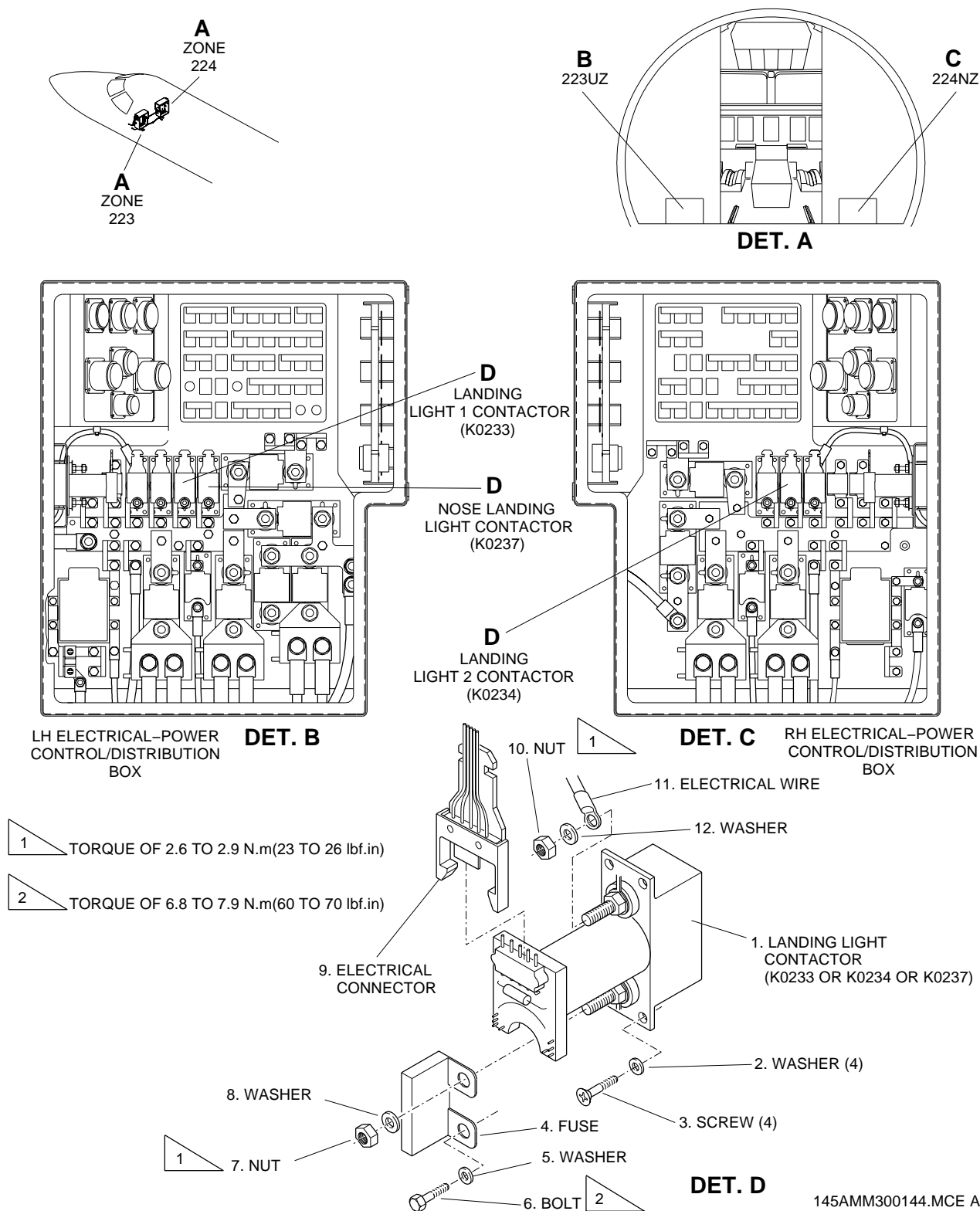
- (1) Disconnect the electrical connector (9).

- (2) Remove the bolt (6) and the washer (5) which attach the fuse (4) to the electrical-power control/distribution box.
- (3) Remove the nut (7) and the washer (8) which attach the fuse (4) to the landing light contactor (1).
- (4) Remove the fuse (4).
- (5) Disconnect the electrical wire (11). For this, remove the nut (10) and washer (12).
- (6) Remove the four screws (3) and four washers (2) which attach the landing light contactor (1) to the electrical-power control/distribution box.
- (7) Remove the landing light contactor (1).

EFFECTIVITY: ALL

Landing Light Contactor - Removal/Installation

Figure 401



TASK 33-41-03-400-801-A

EFFECTIVITY: ALL

### 3. LANDING LIGHT CONTACTOR - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install the landing light contactor.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 33-41-00-700-801-A/500	LANDING LIGHTS - OPERATIONAL TEST

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223UZ	LH cockpit/pax partition
224	224NZ	RH cockpit/pax partition

#### D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To apply the correct torque	

#### 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	LH or RH cockpit/pax partition

#### I. Installation (Figure 401)

##### SUBTASK 420-002-A

- (1) Put the landing light contactor (1) in the electrical-power control/distribution box.
- (2) Tighten the four screws (3) and four washers (2) which attach the landing light contactor (1) to the electrical-power control/distribution box.
- (3) Connect the electrical wire (11) with the washer (12) and nut (10).
- (4) Put the fuse (4) in its installation position.

- (5) Tighten the washer (8) and the nut (7) which attach the fuse (4) to the landing light contactor (1).
- (6) Tighten the bolt (6) and the washer (5) which attach the fuse (4) to the electrical-power control/distribution box.
- (7) Connect the electrical connector (9).

J. Follow-on

*SUBTASK 842-002-A*

- (1) Close the 223UZ or 224NZ access panel ( [AMM MPP 06-41-03/100](#)).
- (2) Do the operational test of the landing light ( [AMM TASK 33-41-00-700-801-A/500](#)).