



LANDING LIGHTS - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the test of the Landing 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
33-41-00-700-801-A	LANDING LIGHTS - OPERATIONAL TEST	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 33-41-00-700-801-A

EFFECTIVITY: ALL

2. LANDING LIGHTS - OPERATIONAL TEST

A. General

This task gives the procedures to do the Operational Test of the Landing Lights.

B. References

REFERENCE	DESIGNATION
AMM SDS 33-41-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

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	Does the task	Cockpit

I. Preparation

SUBTASK 841-002-A

(1) Energize the aircraft with the External DC Power Supply (AMM TASK 20-40-01-860-801-A/200).

(2) Make sure that the Circuit Breakers below are closed:

- LDG 1 LIGHT (AMM SDS 33-41-00/1).
- LDG NOSE LIGHT (AMM SDS 33-41-00/1).
- LDG 2 LIGHT (AMM SDS 33-41-00/1).

J. Operationally Test Landing Lights (Figure 501) (Figure 502)

SUBTASK 710-002-A

(1) Do the test of the Landing Lights as follows:

- (a) Set the LDG 1 light switch, on the overhead panel, to the ON position.
Result:
 - 1 The landing light 1, on the left wing leading edge 1, comes on.
- (b) Set the LDG 1 light switch to the OFF position.
Result:
 - 1 The landing light 1 goes off.
- (c) Set the LDG 2 light switch, on the overhead panel, to the ON position.
Result:
 - 1 The landing light 2, on the right wing leading edge 1, comes on.
- (d) Set the LDG 2 light switch to the OFF position.
Result:
 - 1 The landing light 2 goes off.
- (e) Set the LDG NOSE light switch, on the overhead panel, to the ON position.
Result:
 - 1 The nose landing light, on the nose landing gear, comes on.
- (f) Set the LDG NOSE light switch to the OFF position.
Result:
 - 1 The nose landing light goes off.

K. Follow-on

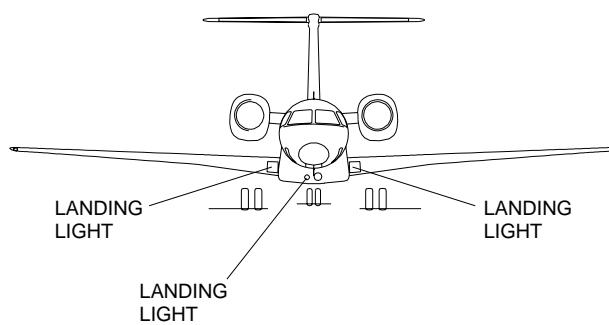
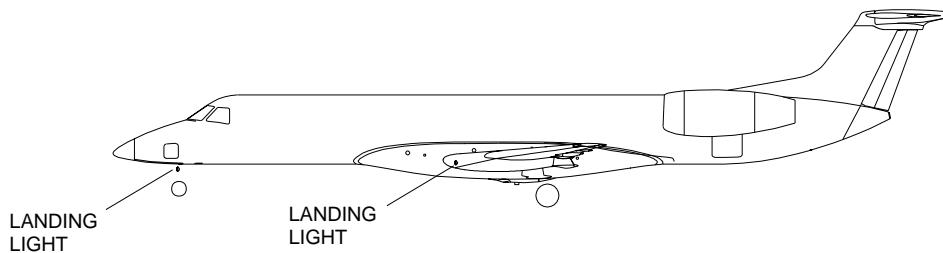
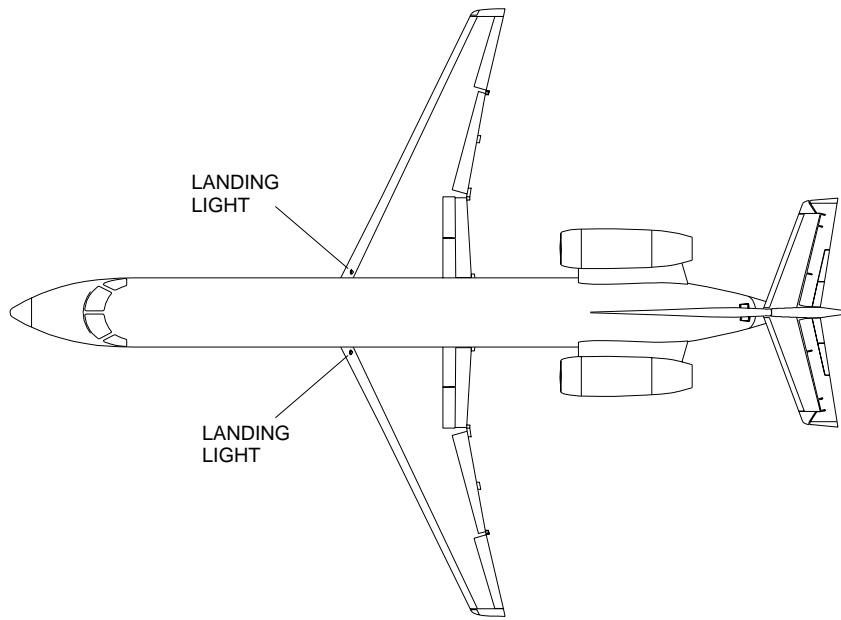
SUBTASK 842-002-A

- (1) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

EFFECTIVITY: ALL

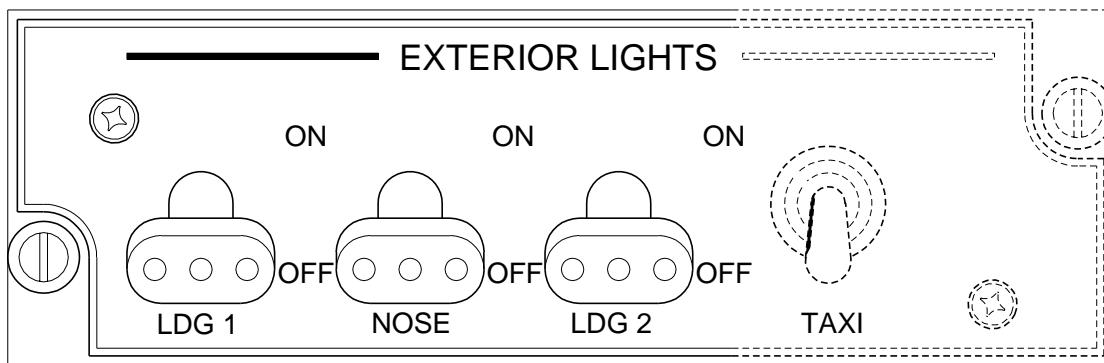
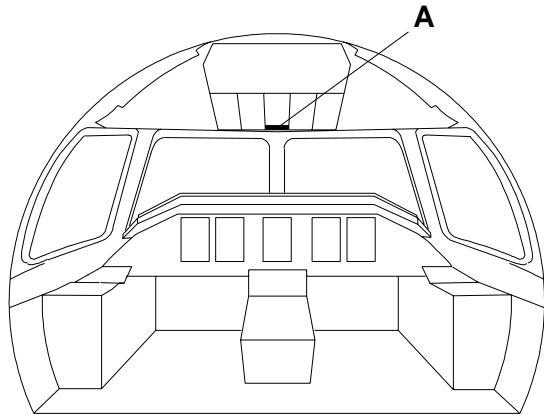
Landing Lights

Figure 501



145AMM330035.MCE A

EFFECTIVITY: ALL
Landing Lights Switches
Figure 502



DET. A

145AMM330036.MCE A

