



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

LAVATORY LIGHTS - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the test of the Lavatory 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
33-28-00-700-801-A	LAVATORY LIGHTS - OPERATIONAL TEST	ALL



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 33-28-00-700-801-A

EFFECTIVITY: ALL

2. LAVATORY LIGHTS - OPERATIONAL TEST

A. General

- (1) This task gives the procedures to do the Operational Test of the Lavatory Lights.

B. References

REFERENCE	DESIGNATION
AMM SDS 33-28-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
S.B.145-33-0040	-

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	Toilet

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 these Circuit Breakers are closed:
 - LAVATORY ([AMM SDS 33-28-00/1](#)).
 - LAVATORY ([AMM SDS 33-28-00/1](#)), in the RH Electrical Power Control/Distribution Box.

J. Operationally Test Lavatory Lights ([Figure 501](#))

SUBTASK 710-002-A

EFFECTIVITY: FOR AIRCRAFT PRE-MOD. S.B. 145-33-0015

- (1) Do the test of the Lavatory lights as follows:

NOTE: The DIM mode function will not be operational, if you have applied PART I of [S.B.145-33-0040](#).

- (a) Open the toilet door.

Result:

- 1 The fluorescent ceiling lights, in the toilet, come on in DIM mode.

- (b) (ON AIRCRAFT WITH BALLAST PN BR9000-2 AND BR9000-4) Toggle the microswitch on lavatory door six times to reset the ballast.

Result:

- 1 The fluorescent ceiling light go off after the sixth time that they change to bright mode.

- (c) (ON AIRCRAFT WITH BALLAST PN BR9000-22 AND BR9000-30) Toggle the microswitch on lavatory door twelve times to reset the ballast.

Result:

- 1 The fluorescent ceiling light go off after the twelfth time that they change to bright mode.

- (d) Close and lock the toilet door.

Result:

- 1 The fluorescent ceiling lights change to the bright mode.

- 2 The fluorescent sink and cabinet lights come on in bright mode.

- 3 The dome light comes on.

- (e) Open the toilet door.

Result:

- 1 The fluorescent ceiling lights change to the DIM mode.

- 2 The fluorescent sink and cabinet lights go off.

- 3 The dome light goes off.

K. Operationally Test Lavatory Lights ([Figure 501](#))

SUBTASK 710-003-A

EFFECTIVITY: FOR AIRCRAFT POST-MOD. S.B. 145-33-0015

- (1) Do the test of the Lavatory lights as follows:

NOTE: The DIM mode function will not be operational, if you have applied PART I of [S.B.145-33-0040](#).

- (a) Open the toilet door.

Result:

- 1 The fluorescent ceiling lights, in the toilet, come on in DIM mode.

- (b) (ON AIRCRAFT WITH BALLAST PN BR9000-2 AND BR9000-4) Toggle the microswitch on lavatory door six times to reset the ballast.

Result:

- 1 The fluorescent ceiling light go off after the sixth time that they change to bright mode.
- (c) (ON AIRCRAFT WITH BALLAST PN BR9000-22 AND BR9000-30) Toggle the microswitch on lavatory door twelve times to reset the ballast.

Result:

- 1 The fluorescent ceiling light go off after the twelfth time that they change to bright mode.
- (d) On the RH Electrical Power Control/Distribution Box, open and close the LAVATORY circuit breaker.

- (e) Open the toilet door.

Result:

- 1 The fluorescent ceiling lights, in the toilet, come on in DIM mode.
- (f) Close and lock the toilet door.

Result:

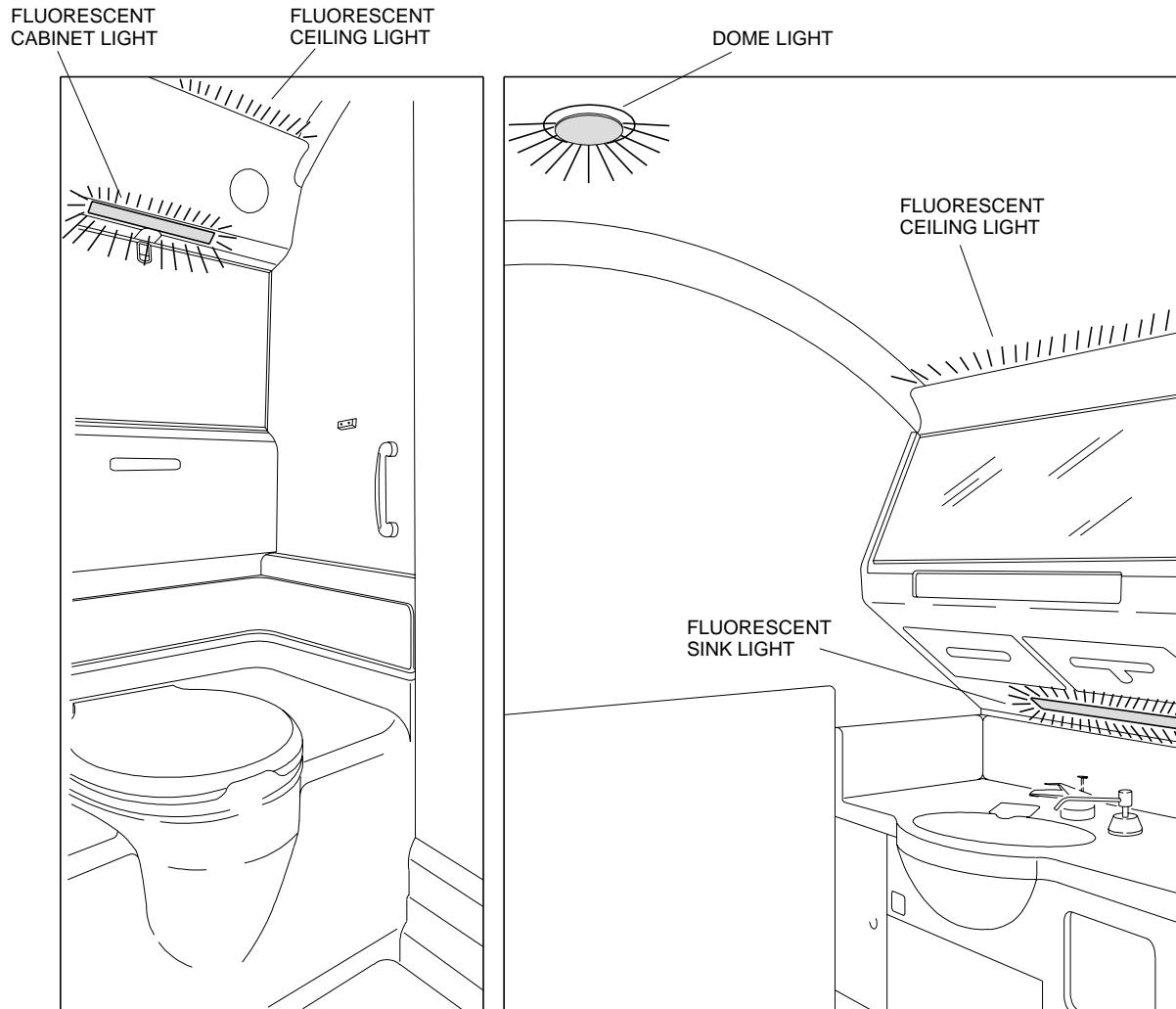
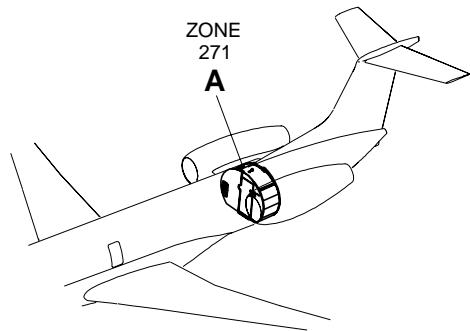
- 1 The fluorescent ceiling lights change to the bright mode.
 - 2 The fluorescent sink and cabinet lights come on in bright mode.
 - 3 The dome light comes on.
- (g) Open the toilet door.
- Result:
- 1 The fluorescent ceiling lights change to the DIM mode.
 - 2 The fluorescent sink and cabinet lights go off.
 - 3 The dome light goes off.

L. Follow-on

SUBTASK 842-002-A

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

EFFECTIVITY: ALL
Lavatory Lights
Figure 501



DET.A

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