



AIRCRAFT  
MAINTENANCE MANUAL

**ANTICOLLISION LIGHTS - ADJUSTMENT/TEST**

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the test of the Anticollision 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).

<i>TASK NUMBER</i>	<i>DESCRIPTION</i>	<i>EFFECTIVITY</i>
33-47-00-700-801-A	ANTICOLLISION LIGHTS - OPERATIONAL ALL TEST	



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TASK 33-47-00-700-801-A

EFFECTIVITY: ALL

2. ANTICOLLISION LIGHTS - OPERATIONAL TEST

A. General

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

B. References

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
254		Passenger cabin ceiling
192		Wing to fuselage fairing center panel
661		Right wing tip
321		Stabilizer tip
561		Left wing tip

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) On the Circuit Breakers Panel, make sure that the Circuit Breakers below are closed:
  - RED BEACON LIGHT (Location tip: DC BUS 2/LIGHTS/RED BEACON).
  - STROBE LIGHT (Location tip: DC BUS 1/ LIGHTS/STROBE).



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J. Operationally Test Anticollision Lights ([Figure 501](#)) ([Figure 502](#))

SUBTASK 710-002-A

- (1) Do the test of the Anticollision Lights as follows:

- (a) Set the RED BCN light switch, on the overhead panel, to the ON position.

Result:

1 The upper red strobe light, on the top of fuselage center section II, comes on.

2 The lower red strobe light, on the wing-to-fuselage fairing center panel, comes on.

- (b) Set the RED BCN light switch to the OFF position.

Result:

1 The upper red strobe light goes off.

2 The lower red strobe light goes off.

- (c) Set the STROBE light switch, on the overhead panel, to the ON position.

Result:

1 The left strobe light, on the left wing-tip fairing, comes on.

2 The right strobe light, on the right-wing tip fairing, comes on.

3 The rear strobe light, on the fin-tip fairing, comes on.

- (d) Set the STROBE light switch to the OFF position.

Result:

1 The left strobe light goes off.

2 The right strobe light goes off.

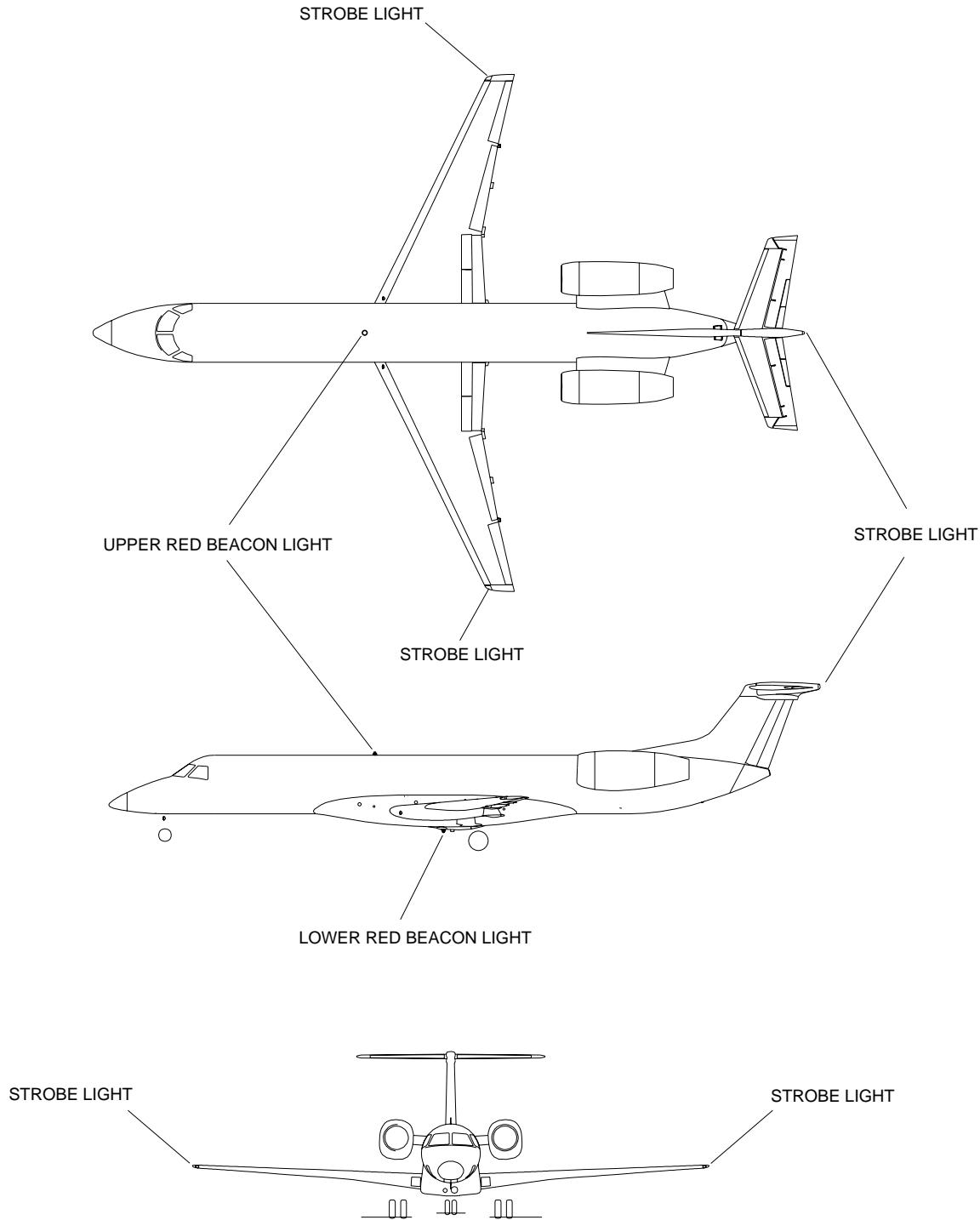
3 The rear strobe light goes off.

K. Follow-on

SUBTASK 842-002-A

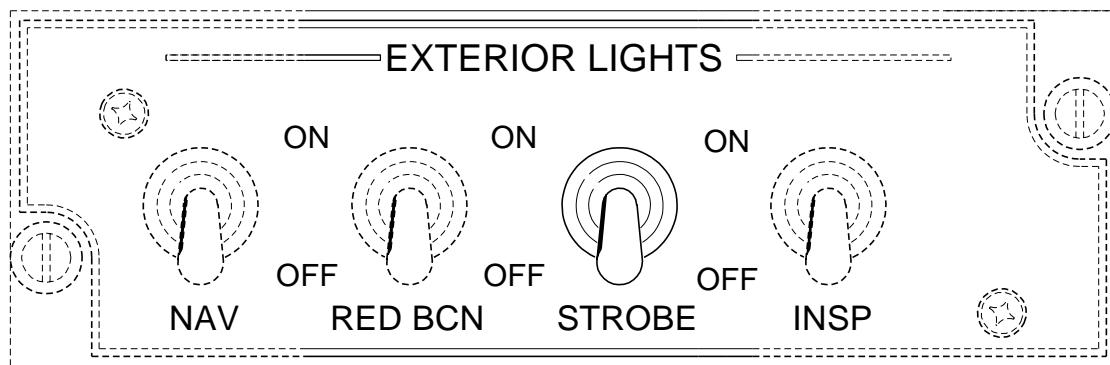
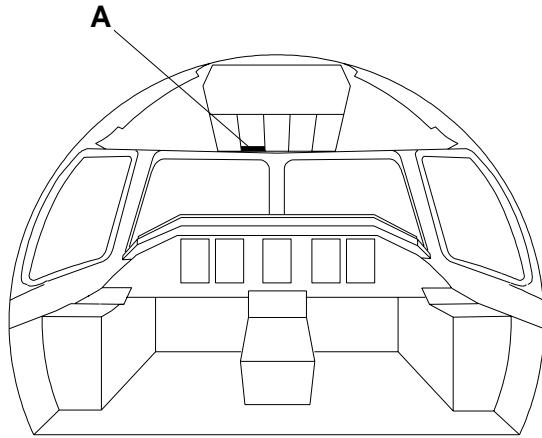
- (1) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

**EFFECTIVITY: ALL**  
Anticollision Lights  
Figure 501



145AMM330043.MCE B

EFFECTIVITY: ALL  
Anticollision Lights Switches  
Figure 502



DET. A

EM145AMM331032A.DGN

