

## NAVIGATION LIGHTS - ADJUSTMENT/TEST

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to do the test of the navigation 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> |
|--------------------|--------------------------------------|--------------------|
| 33-43-00-700-801-A | NAVIGATION LIGHTS - OPERATIONAL TEST | ALL                |

TASK 33-43-00-700-801-A

EFFECTIVITY: ALL

## 2. NAVIGATION LIGHTS - OPERATIONAL TEST

### A. General

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

### B. References

| REFERENCE                                       | DESIGNATION  |
|---|--|
| AMM MPP 06-41-01/100                            | -  |
| <a href="#">AMM MPP 06-41-03/100</a>            | - COMPONENT LOCATION                                       |
| <a href="#">AMM TASK 20-40-01-860-801-A/200</a> | 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 breaker below is closed:

– NAV LIGHTS (Location tip: DC BUS 1/LIGHTS/NAV).

### J. Operationally Test Navigation Lights

#### SUBTASK 710-002-A

(1) For aircraft without standby tail navigation lights do the test of the main navigation lights as follows ([Figure 501](#)) ([Figure 502](#)):

(a) Set the NAV light switch, on the overhead panel, to the ON position.

Result:

- 1 The main LH-wing navigation light, on the left-wing-tip fairing, comes on.
- 2 The main RH-wing navigation light, on the right-wing-tip fairing, comes on.
- 3 The tail navigation lights, on the fin-tip fairing, come on.

- (b) Set the NAV light switch, on the overhead panel, to the OFF position.

Result:

- 1 The main LH-wing navigation light goes off.
- 2 The main RH-wing navigation light goes off.
- 3 The tail navigation lights go off.

- (2) For aircraft with standby tail navigation lights do the test of the main navigation lights as follows (Figure 501) (Figure 503):

- (a) Open the access 272BR (AMM MPP 06-41-01/100).
- (b) Make sure that the STBY NAV LT switch, on the ramp hail panel, is in the NORM position.
- (c) Set the NAV light switch, on the overhead panel, to the ON position.

Result:

- 1 The main LH-wing navigation light, on the left-wing-tip fairing, comes on.
- 2 The main RH-wing navigation light, on the right-wing-tip fairing, comes on.
- 3 The tail navigation lights, on the fin-tip fairing, come on.

- (d) Set the NAV light switch, on the overhead panel, to the OFF position.

Result:

- 1 The main LH-wing navigation light goes off.
- 2 The main RH-wing navigation light goes off.
- 3 The tail navigation lights go off.

- (e) Close the access 272BR (AMM MPP 06-41-01/100).

- (3) For aircraft without standby tail navigation lights do the test of the standby navigation lights as follows (Figure 501) (Figure 502):

- (a) Get access to the maintenance panel ( AMM MPP 06-41-03/100).
- (b) Set the STBY NAV LT switch, on the maintenance panel, to the STBY position.
- (c) Set the NAV LT switch, on the overhead panel, to the ON position.

Result:

- 1 The standby LH-wing navigation light, on the left-wing-tip fairing, comes on.
- 2 The standby RH-wing navigation light, on the right-wing-tip fairing, comes on.
- 3 The tail navigation lights, on the fin-tip fairing, come on.

- (d) Set the NAV light switch, on the overhead panel, to the OFF position.

Result:

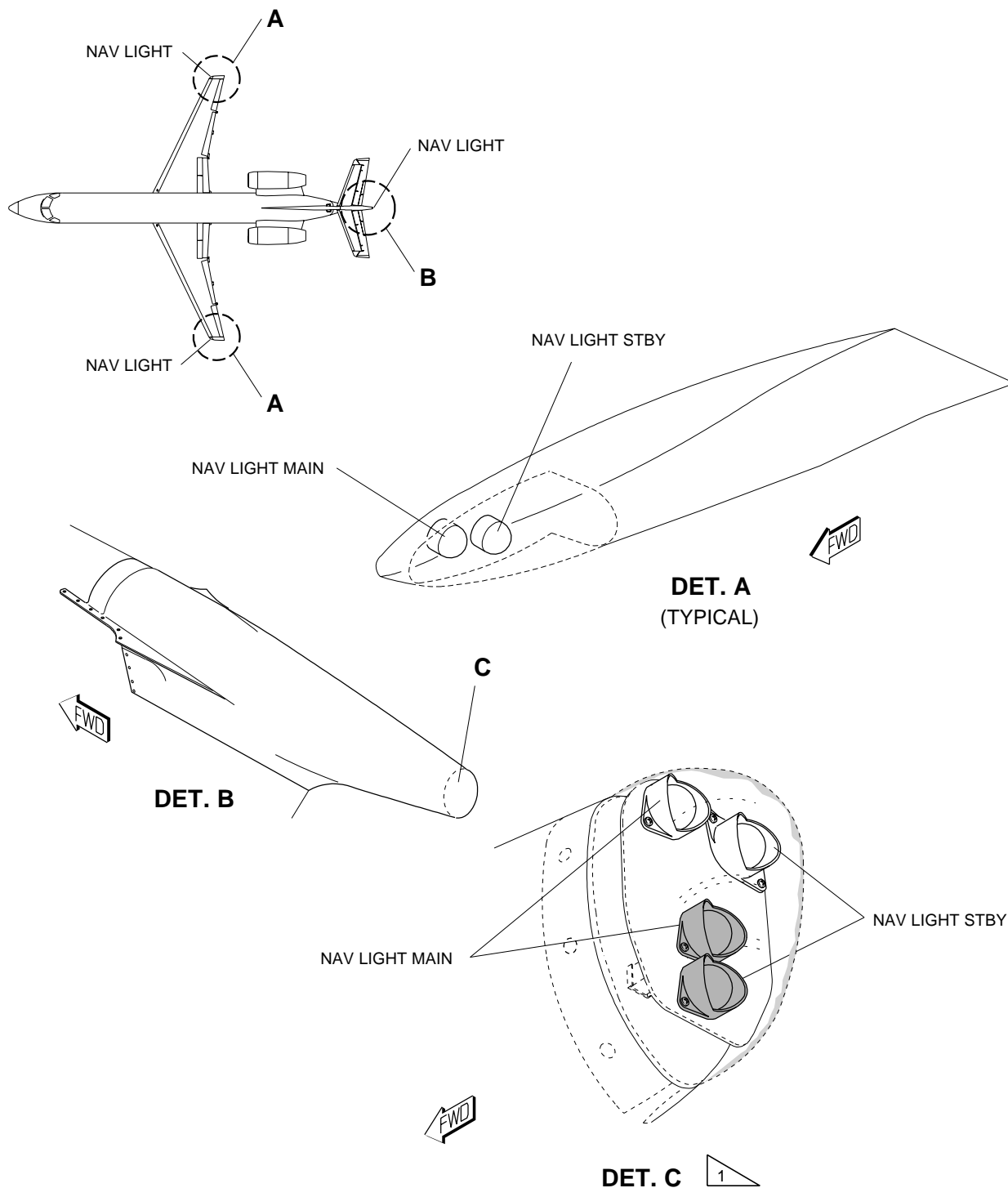
- 1 The standby LH-wing navigation light goes off.
- 2 The standby RH-wing navigation light goes off.



# AIRCRAFT MAINTENANCE MANUAL

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

EFFECTIVITY: ALL  
Navigation Lights  
Figure 501



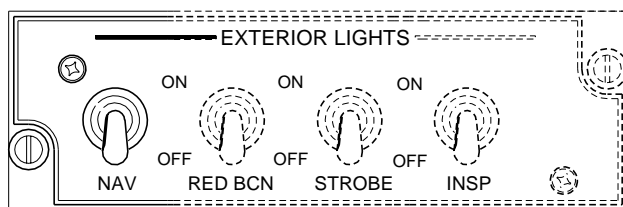
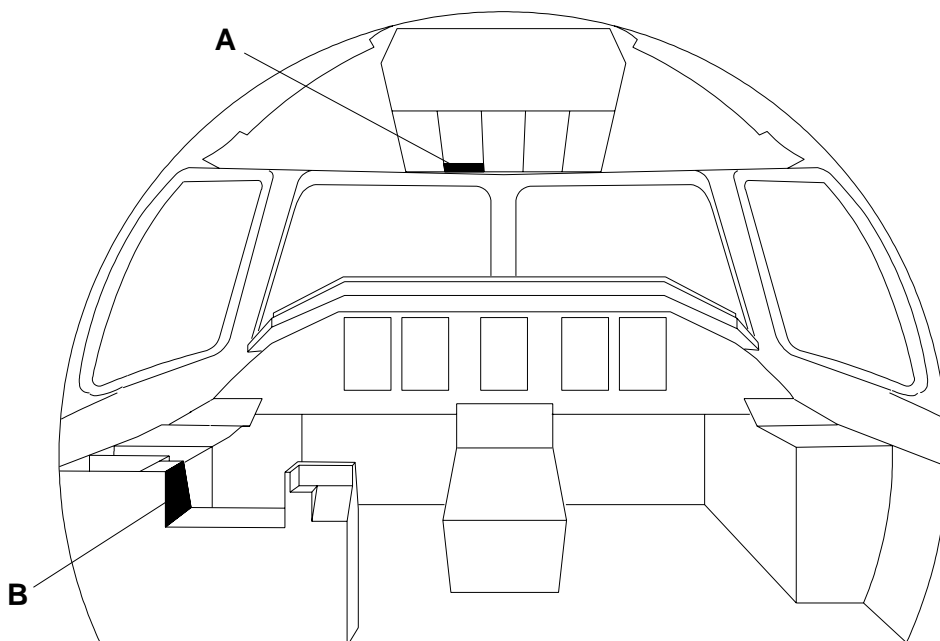
1 IF APPLICABLE TO THE AIRCRAFT CONFIGURATION.

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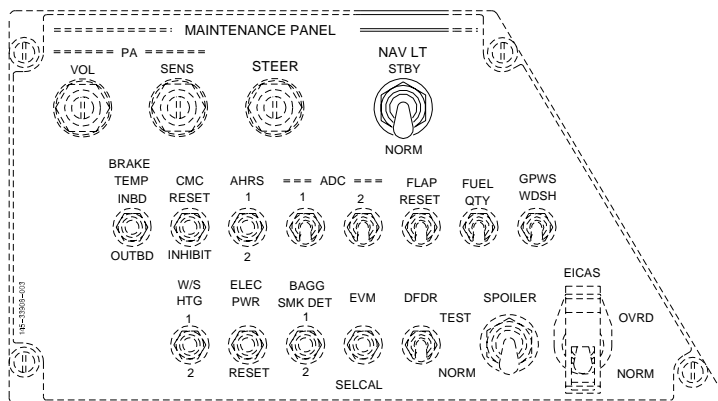
EFFECTIVITY: FOR AIRCRAFT WITHOUT STANDBY TAIL NAVIGATION LIGHTS

Navigation Lights Switches

Figure 502



DET. A



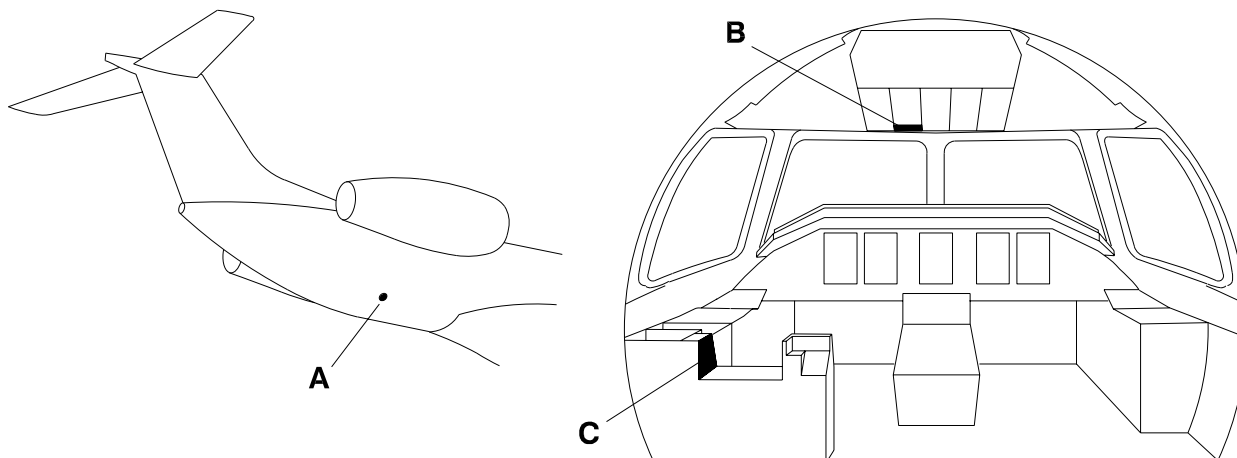
DET. B

EM145AMM331031A.DGN

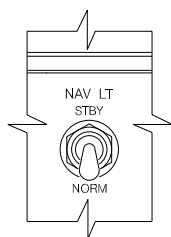
EFFECTIVITY: FOR AIRCRAFT WITH STANDBY TAIL NAVIGATION LIGHTS

Navigation Lights Switches

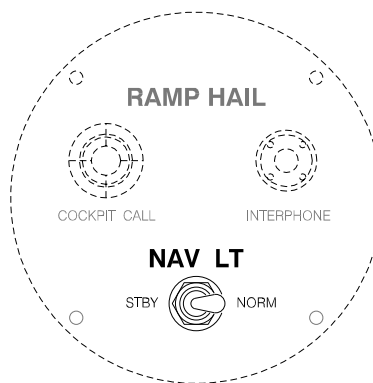
Figure 503



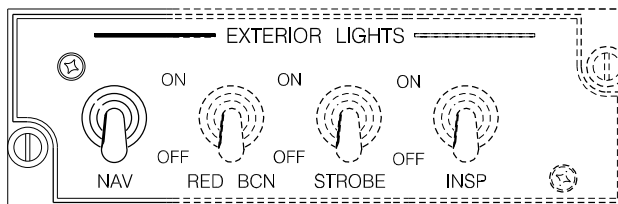
MAINTENANCE PANEL



DET. C



DET. A



DET. B

AMM330377.MCE

