



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

BAGGAGE AND SERVICE COMPARTMENTS - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the test of the baggage and service compartments 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
33-30-00-700-801-A	BAGGAGE AND SERVICE COMPARTMENT LIGHTS - OPERATIONAL TEST	ALL



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TASK 33-30-00-700-801-A

EFFECTIVITY: ALL

2. BAGGAGE AND SERVICE COMPARTMENT LIGHTS - OPERATIONAL TEST

A. General

- (1) This task gives the procedures to do the operational test of the baggage and service compartment lights.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE
SB145-33-0011	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
312	312AR	Tail cone compartment
113	113CZ	Forward electronic compartment
123	123BL	Lower forward fuselage
191	191BR	Fueling/defueling control panel compartment
272	272DR	Rear electronic compartment

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	Where applicable

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).



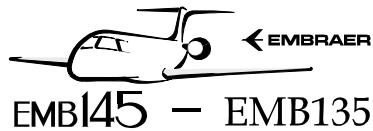
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- (2) On the circuit breaker panel, make sure that the COMPT circuit breaker (Location Tip: DC BUS 2/LIGHTS/COMPT) is closed.
 - (3) On the RH electrical-power control/distribution box ([AMM SDS 24-60-00/1](#)), make sure that the COMPT circuit breaker (Location Tip: RB SERVBUS/COMPT) is closed.
- J. Operationally Test Baggage and Service Compartment Lights ([Figure 501](#)) ([Figure 502](#)) ([Figure 503](#)) ([Figure 504](#)) ([Figure 505](#)) ([Figure 506](#)) ([Figure 507](#))

SUBTASK 710-002-A

- (1) Do the test of the nose landing-gear compartment light as follows:
 - (a) Get access to the nose landing gear compartment.
 - (b) Turn on the nose landing-gear compartment light switch.
Result:
1 The nose landing-gear compartment light comes on.
 - (c) Turn off the nose landing-gear compartment light switch.
Result:
1 The nose landing-gear compartment light goes off.
 - (d) Close the access to the nose landing gear compartment.
- (2) Do the test of the tail-cone compartment light as follows:
 - (a) Get access to the tail cone compartment.
 - (b) Turn on the tail-cone compartment light switch.
Result:
1 The tail-cone compartment light comes on.
 - (c) Turn off the tail-cone compartment light switch.
Result:
1 The tail-cone compartment light goes off.
 - (d) Close the access to the tail cone compartment.
- (3) Do the test of the forward electronic-compartment light as follows:
 - (a) Open the electronic compartment access.
Result:
1 The forward electronic-compartment light comes on.
 - (b) Close the electronic compartment access.
Result:
1 The forward electronic-compartment light goes off.
- (4) Do the test of the cockpit floor light as follows:
 - (a) Open the cockpit underfloor access hatch.
Result:
1 The cockpit floor light comes on.
 - (b) Close the cockpit underfloor access hatch.



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Result:

- 1 The cockpit floor light goes off.

(5) Do the test of the baggage compartment light as follows:

- (a) Open the baggage compartment.

Result:

- 1 The baggage compartment lights come on.

- (b) Close the baggage compartment.

Result:

- 1 The baggage compartment lights go off.

NOTE: On aircraft S/N 076, 086 thru 103, 105 thru 110, 113, 114, and 116, and with [SB145-33-0011](#) not incorporated, the baggage compartment lights stay always on (with the baggage compartment closed or not).

(c) On aircraft POST-MOD 145-33-0011 or POST-MOD 145-26-0013, do as follows:

1. Push the pushbutton on the baggage compartment/toilet partition and look through the peephole to make sure that the lights in the baggage compartment turn on.
2. Release the pushbutton and make sure that the lights on baggage compartment/toilet partition go off.

(6) Do the test of the rear electronic-compartment light as follows:

- (a) Open the rear electronic compartment.

Result:

- 1 The rear electronic-compartment light comes on.

- (b) Close the rear electronic compartment.

Result:

- 1 The rear electronic-compartment light goes off.

(7) Do the test of the refueling/defueling control panel light as follows:

- (a) Open the refueling/defueling control panel compartment.

Result:

- 1 The refueling/defueling control panel light comes on.

- (b) Close the refueling/defueling control panel compartment.

Result:

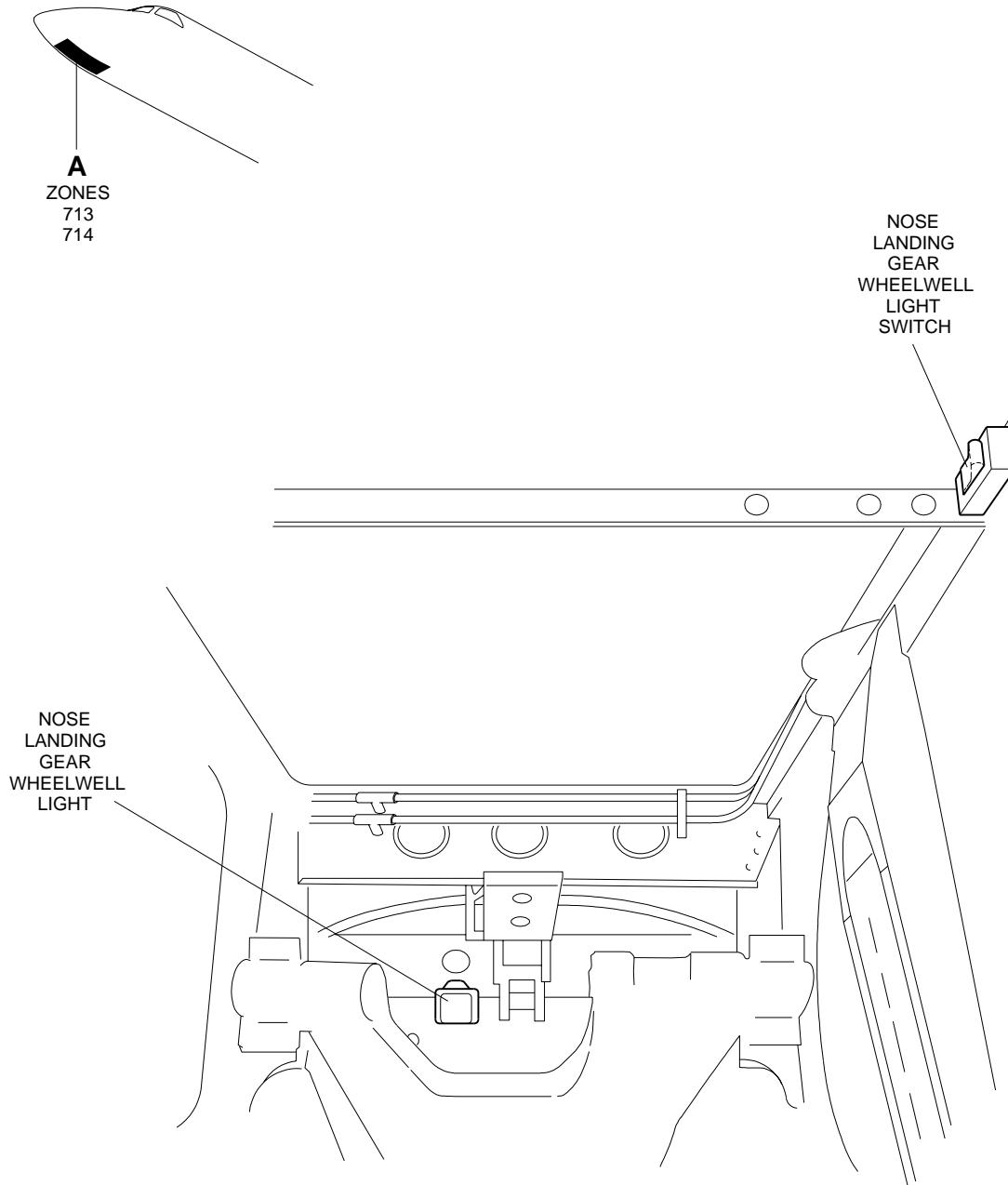
- 1 The refueling/defueling control panel light goes off.

K. Follow-on

SUBTASK 842-002-A

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

EFFECTIVITY: ALL
Nose Landing Gear Light
Figure 501



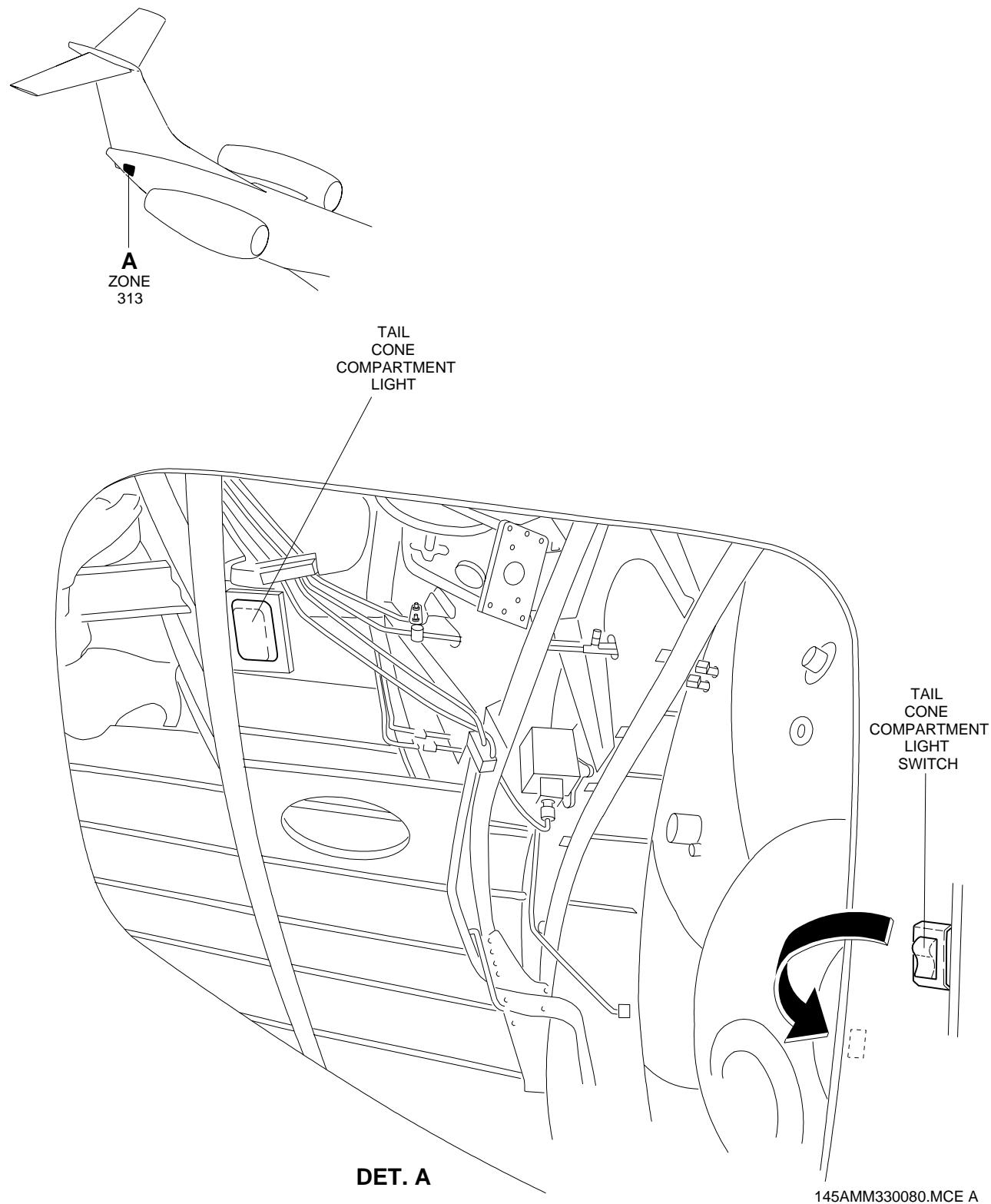
DET. A

145AMM330079.MCE A

EFFECTIVITY: ALL

Tail Cone Compartment Light

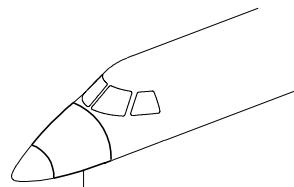
Figure 502



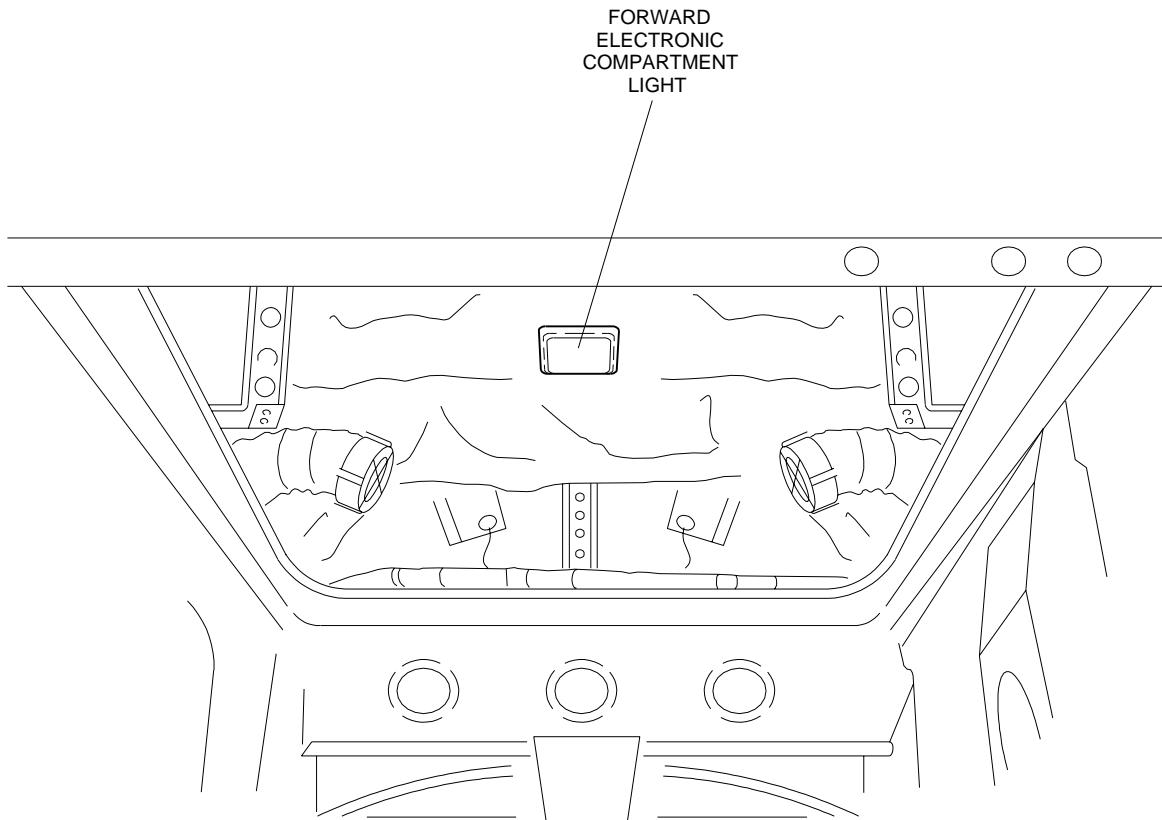
EFFECTIVITY: ALL

Forward Electronic Compartment Light

Figure 503



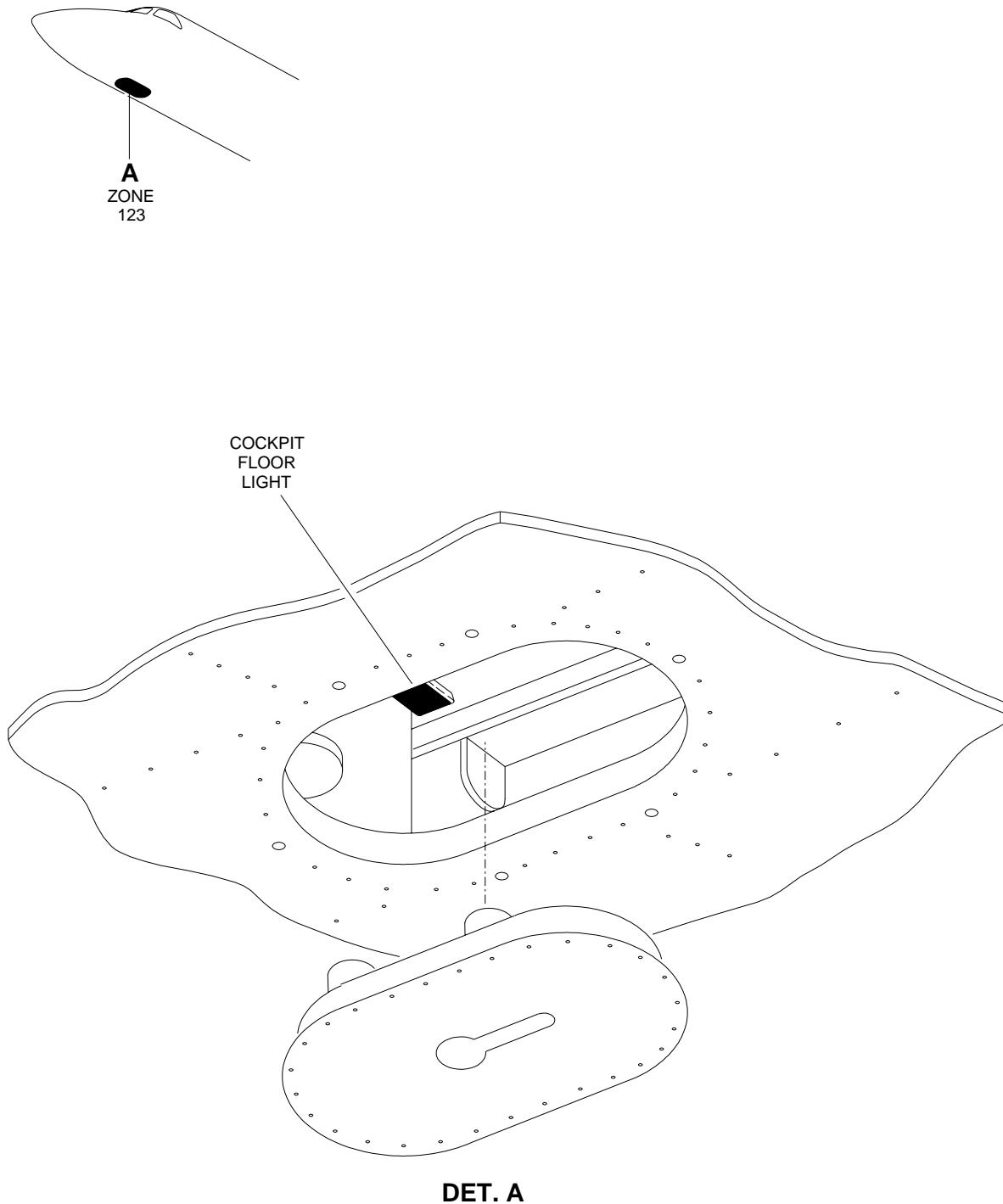
A
ZONES
213
214



DET. A

145AMM330081.MCE A

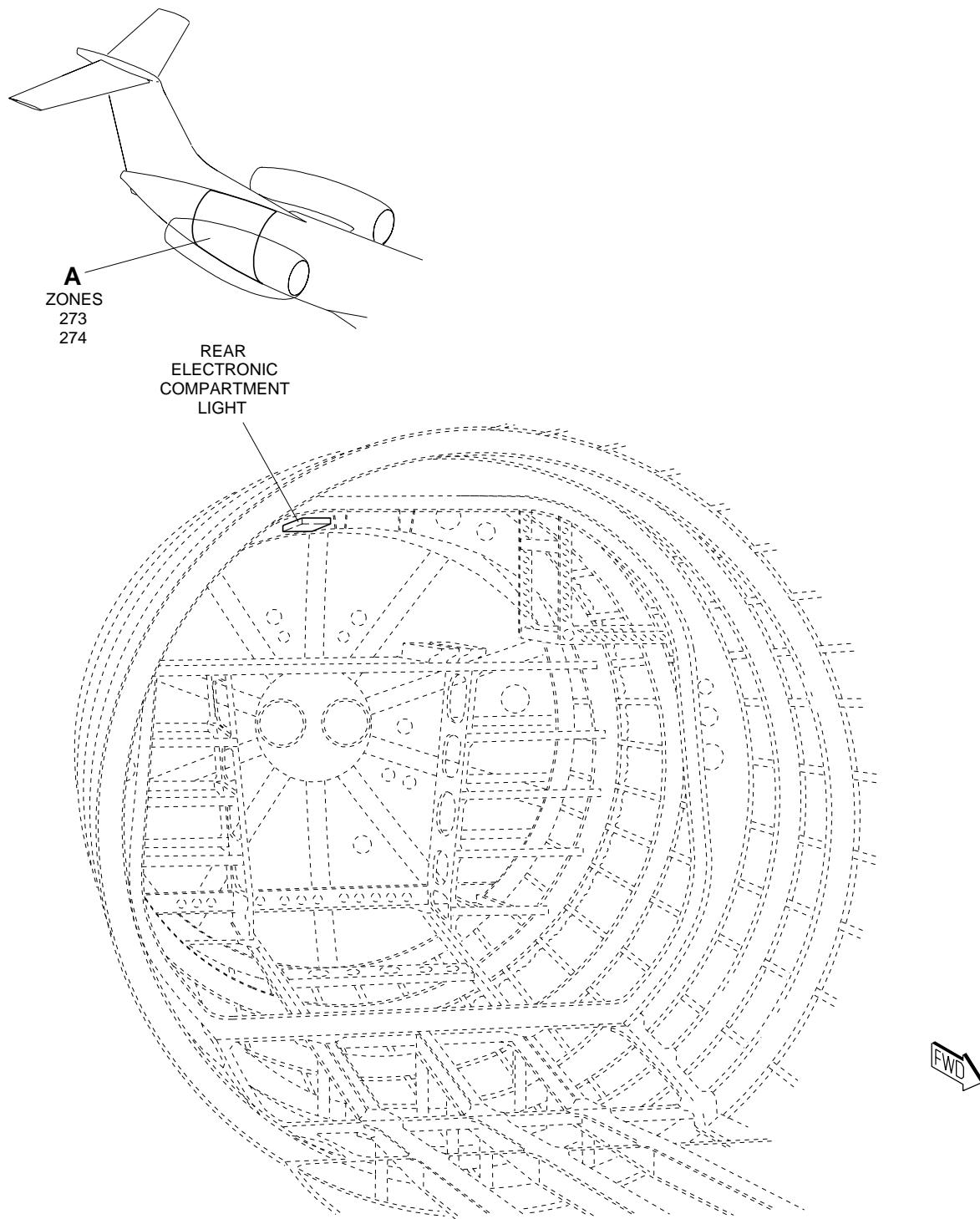
EFFECTIVITY: ALL
Cockpit Floor Light
Figure 504



EFFECTIVITY: ALL

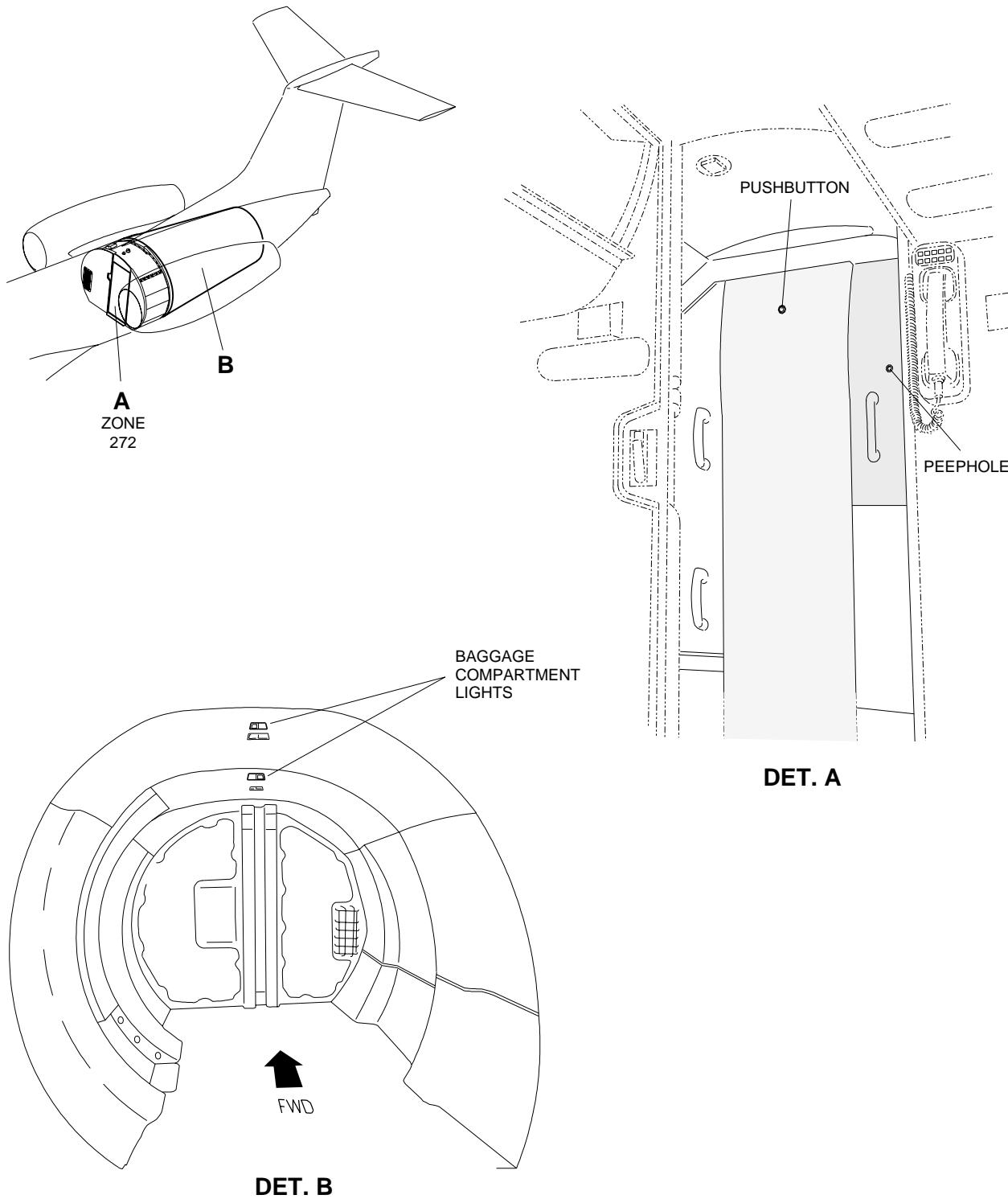
Rear Electronic Compartment Light

Figure 505


DET. A

145AMM330083.MCE A

EFFECTIVITY: ALL
Baggage Compartment Light
Figure 506

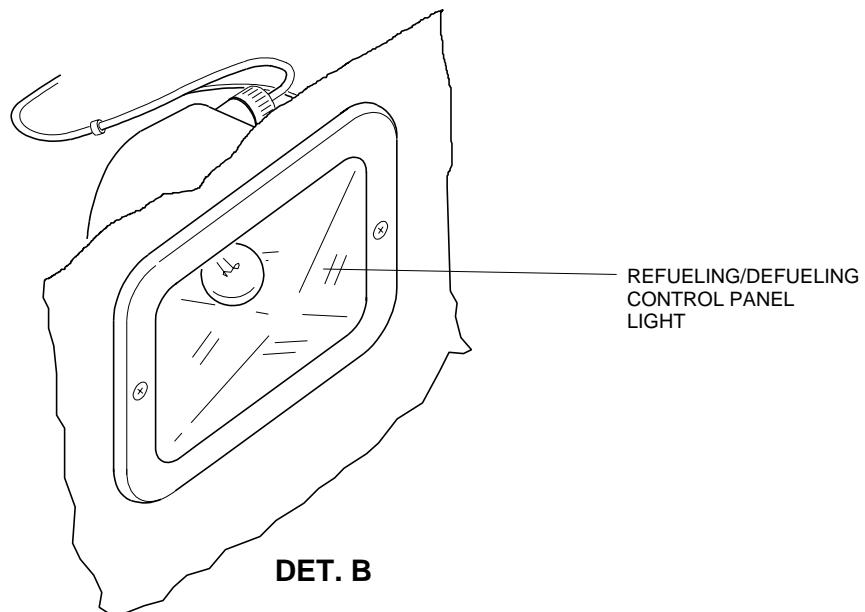
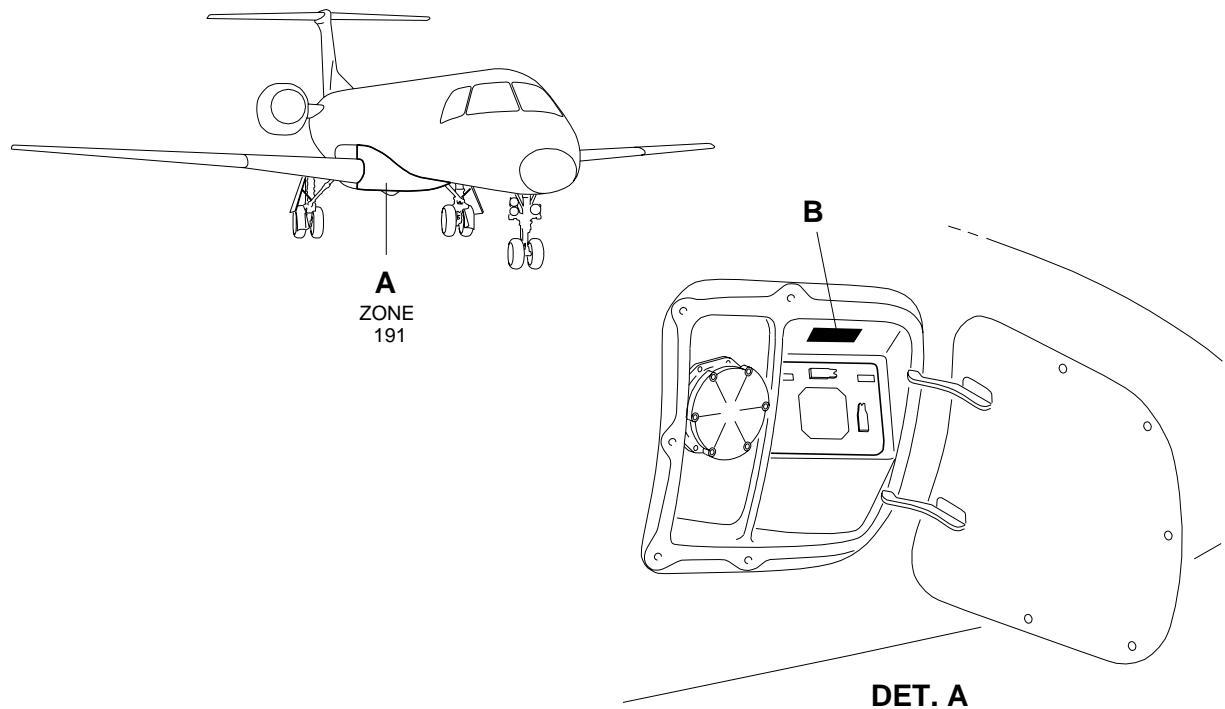


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EFFECTIVITY: ALL

Refueling/Defueling Control Panel Light

Figure 507



145AMM330199.MCE

