



## AIRCRAFT MAINTENANCE MANUAL

### CARGO SMOKE DETECTOR - INSPECTION/CHECK

EFFECTIVITY: WALTER KIDDE SMOKE DETECTORS

#### 1. General

- A. This section gives the procedure to inspect the cargo smoke detectors.
- 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
26-15-01-200-801-A	CARGO SMOKE DETECTION - VISUAL IN- SPECTION	AIRCRAFT WITH CLASS-D BAGGAGE COMPARTMENT
26-15-01-200-802-A	CARGO SMOKE DETECTION - VISUAL IN- SPECTION	AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT



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TASK 26-15-01-200-801-A

EFFECTIVITY: AIRCRAFT WITH CLASS-D BAGGAGE COMPARTMENT

2. CARGO SMOKE DETECTION - VISUAL INSPECTION

A. General

- (1) This task gives the procedure to check the maintenance LED of the cargo smoke detectors.
- (2) This task is applicable to two cargo smoke detectors.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
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
223	223LZ	Cockpit
270		Baggage 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	Press the test switch	Cockpit
1	Inspect the maintenance LED	Baggage Compartment

I. Preparation

*SUBTASK 841-005-B*

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Energize the aircraft with a DC Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Open access panel 223LZ ([AMM MPP 06-41-03/100](#)).



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### J. Visually Check Baggage Compartment Smoke Detection System Maintenance LED ([Figure 601](#))

#### SUBTASK 212-005-B

- (1) Make sure that the BAGG SMOKE warning message is out of view on the EICAS display.
- (2) On the maintenance panel, set the BAGG SMK DET switch to position 1.
- (3) Make sure that the maintenance LED comes on on the cargo smoke detector 1.
- (4) Release the BAGG SMK DET switch.
- (5) Visually check the maintenance LED at the cargo smoke detector 1 ([Figure 601](#)):
  - (a) Make sure that the LED is off.
- (6) Make sure that the BAGG SMOKE warning message is out of view on the EICAS display.
- (7) On the maintenance panel, set the BAGG SMK DET switch to position 2.
- (8) Make sure that the maintenance LED comes on on the cargo smoke detector 2.
- (9) Release the BAGG SMK DET switch.
- (10) Visually check the maintenance LED at the cargo smoke detector 2 ([Figure 601](#)):
  - (a) Make sure that the LED is off.

### K. Follow-on

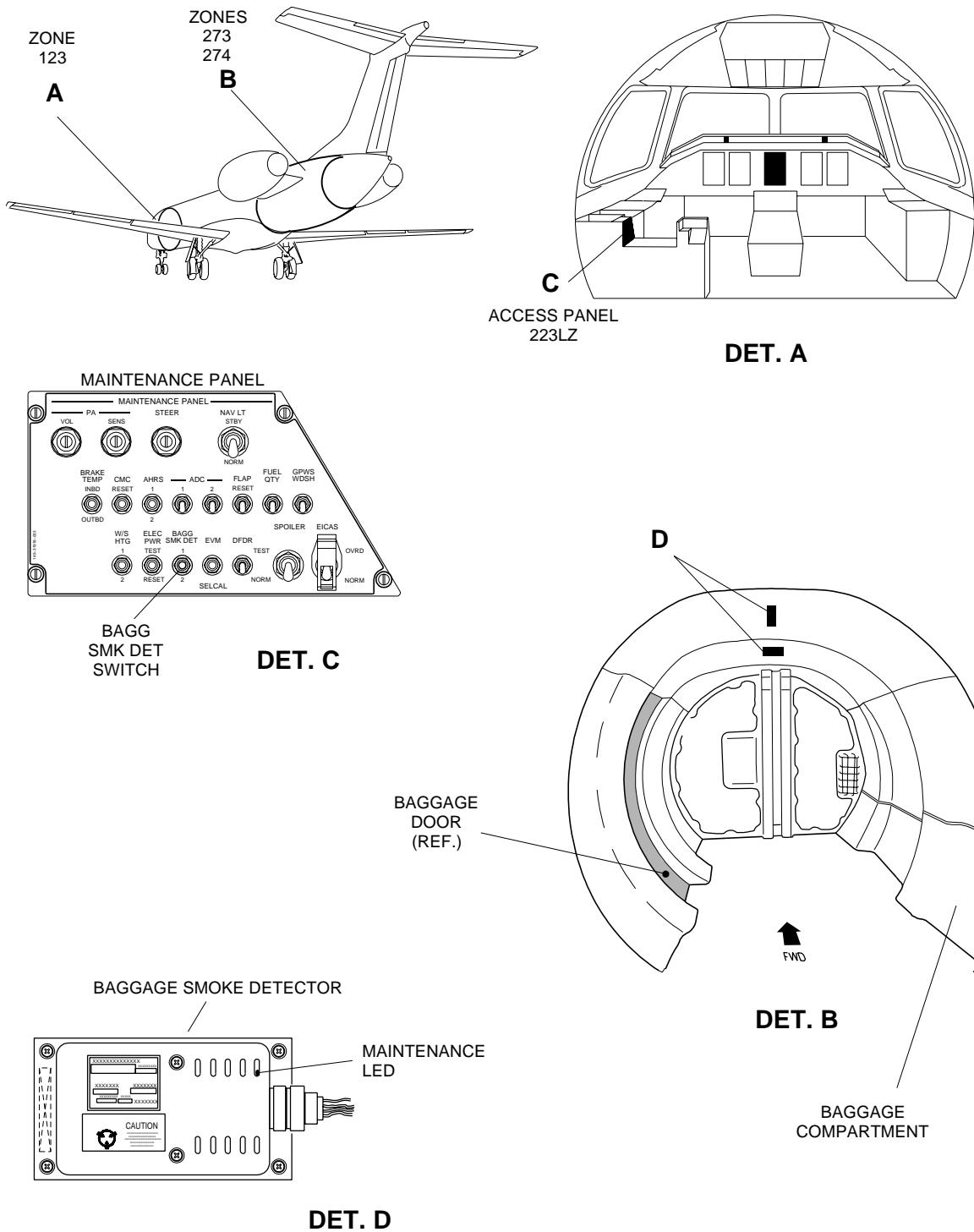
#### SUBTASK 842-005-B

- (1) Close access panel 223LZ ([AMM MPP 06-41-03/100](#)).
- (2) De-energize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

**EFFECTIVITY: AIRCRAFT WITH CLASS-D BAGGAGE COMPARTMENT**

Cargo Smoke Detector Maintenance LED - Inspection

Figure 601





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TASK 26-15-01-200-802-A

EFFECTIVITY: AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT

3. CARGO SMOKE DETECTION - VISUAL INSPECTION

A. General

- (1) This task gives the procedure to check the maintenance LED of the cargo smoke detectors.
- (2) This task is applicable to two cargo smoke detectors.

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
223		Cockpit
270		Baggage 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	Press the test switch	Cockpit
1	Inspect the maintenance LED	Baggage Compartment

I. Preparation

SUBTASK 841-006-A

- (1) Make sure that the aircraft is safe for maintenance.
- (2) Energize the aircraft with a DC Power Supply ( [AMM TASK 20-40-01-860-801-A/200](#)).



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J. Visually Check Baggage Compartment Smoke Detection System Maintenance LED ([Figure 602](#))

SUBTASK 212-009-B

- (1) Make sure that the BAGG SMOKE warning message is out of view on the EICAS display.
- (2) On the overhead panel, press and hold the FIRE TEST switch.
- (3) Make sure that the maintenance LEDs come on on the two cargo smoke detectors.
- (4) Release the FIRE TEST switch.
- (5) Visually check the maintenance LEDs at the two cargo smoke detectors ([Figure 602](#)):
  - (a) Make sure that the LEDs are off.

K. Follow-on

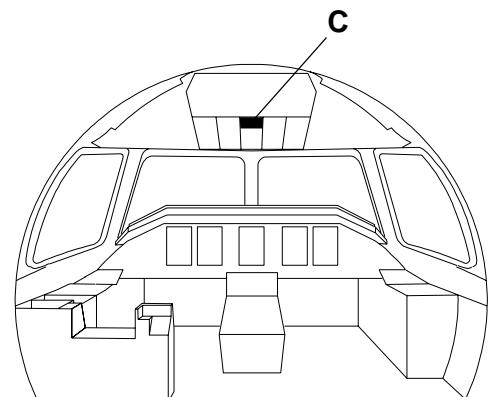
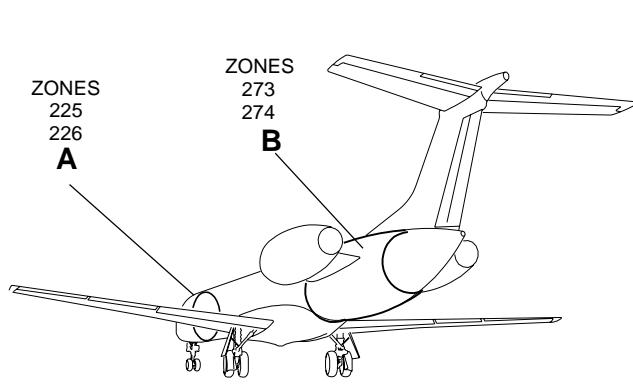
SUBTASK 842-006-A

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

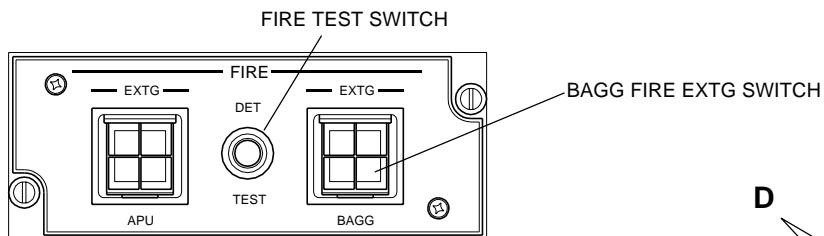
**EFFECTIVITY: AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT**

Cargo Smoke Detector Maintenance LED - Inspection

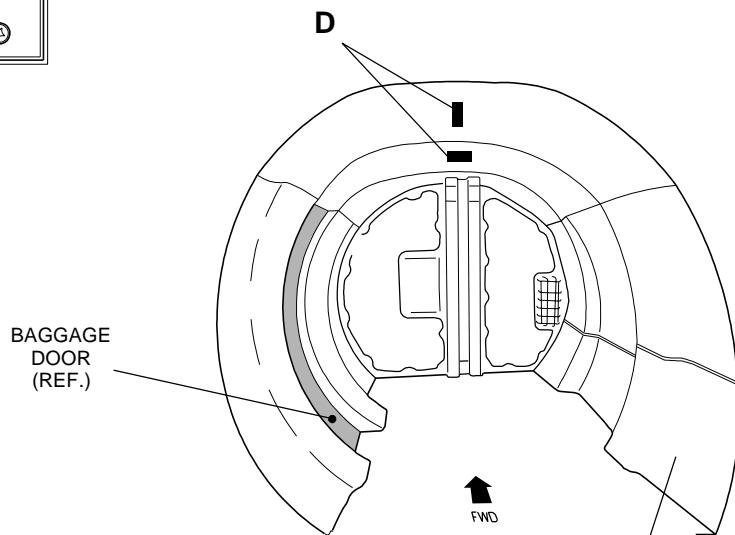
Figure 602



**DET. A**



**DET. C**



**DET. B**



**DET. D**

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