

## 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 INSPECTION	AIRCRAFT WITH CLASS-D BAGGAGE COMPARTMENT
26-15-01-200-802-A	CARGO SMOKE DETECTION - VISUAL INSPECTION	AIRCRAFT WITH CLASS-C BAGGAGE COMPARTMENT

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
<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

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](#) ).

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

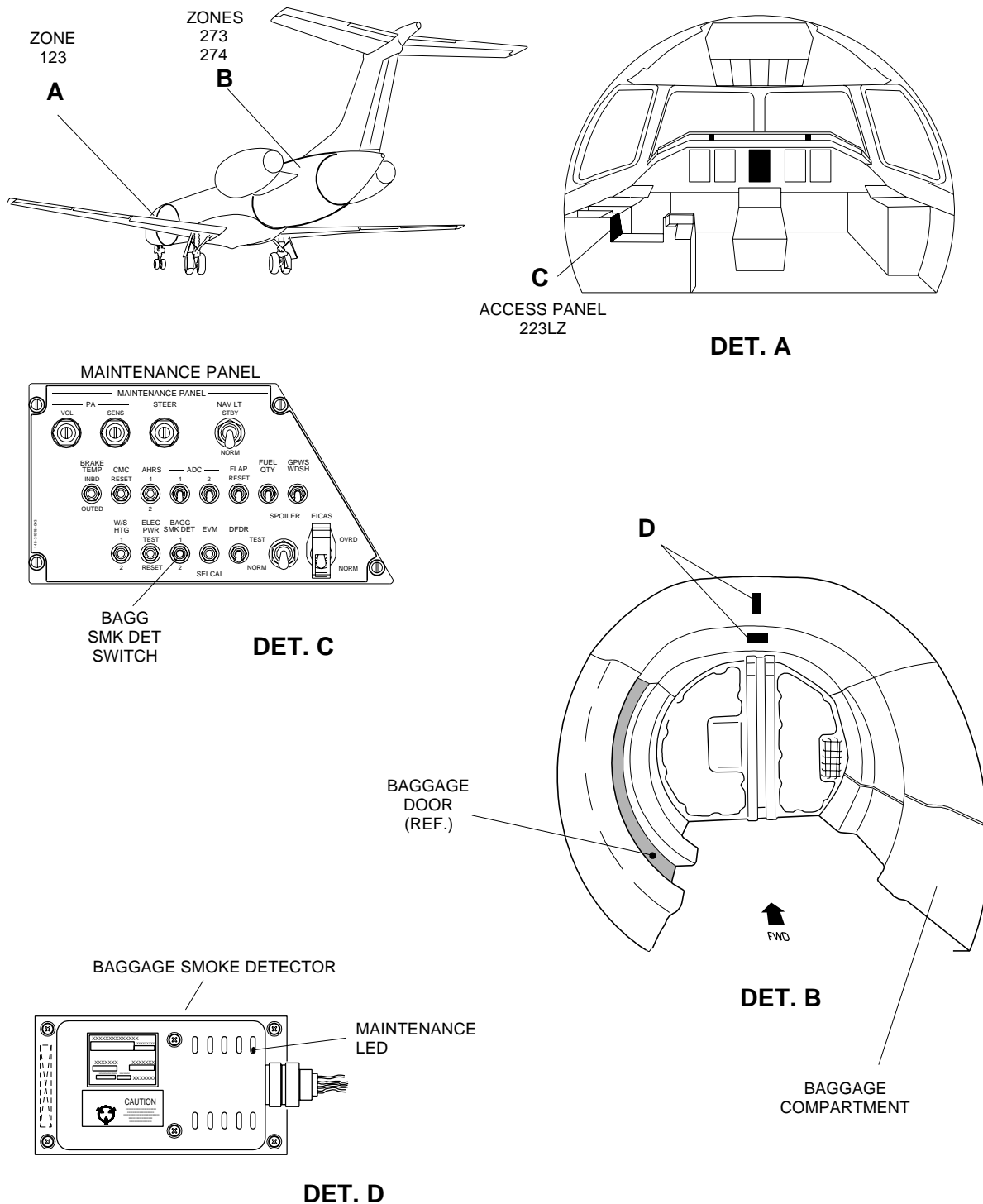
*SUBTASK 842-005-B*

- (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
<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

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](#) ).

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

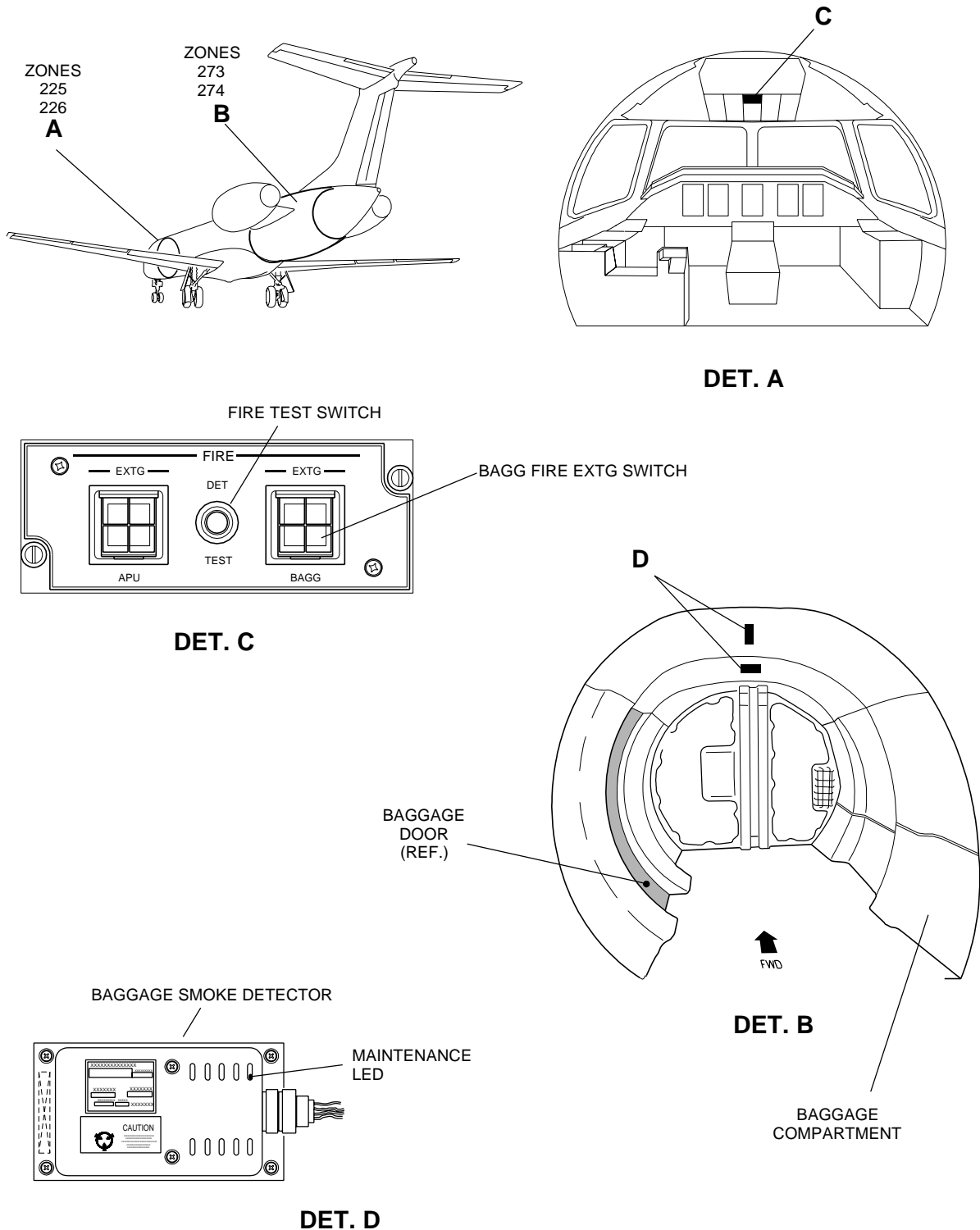
*SUBTASK 842-006-A*

- (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



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