



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

CARGO SMOKE DETECTOR - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures for the removal/installation of 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
26-15-01-000-802-A	CARGO SMOKE DETECTOR - REMOVAL	ACFT MODEL(S) EMB-135
26-15-01-400-802-A	CARGO SMOKE DETECTOR - INSTALLA- TION	ACFT MODEL(S) EMB-135



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TASK 26-15-01-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. CARGO SMOKE DETECTOR - REMOVAL

A. General

- (1) This task gives the procedures for the removal of the cargo smoke detectors.

B. Zones and Accesses

Not Applicable

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
1	Rubber gloves	Electrical insulation	AR

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Baggage compartment

H. Preparation

*SUBTASK 841-006-B*

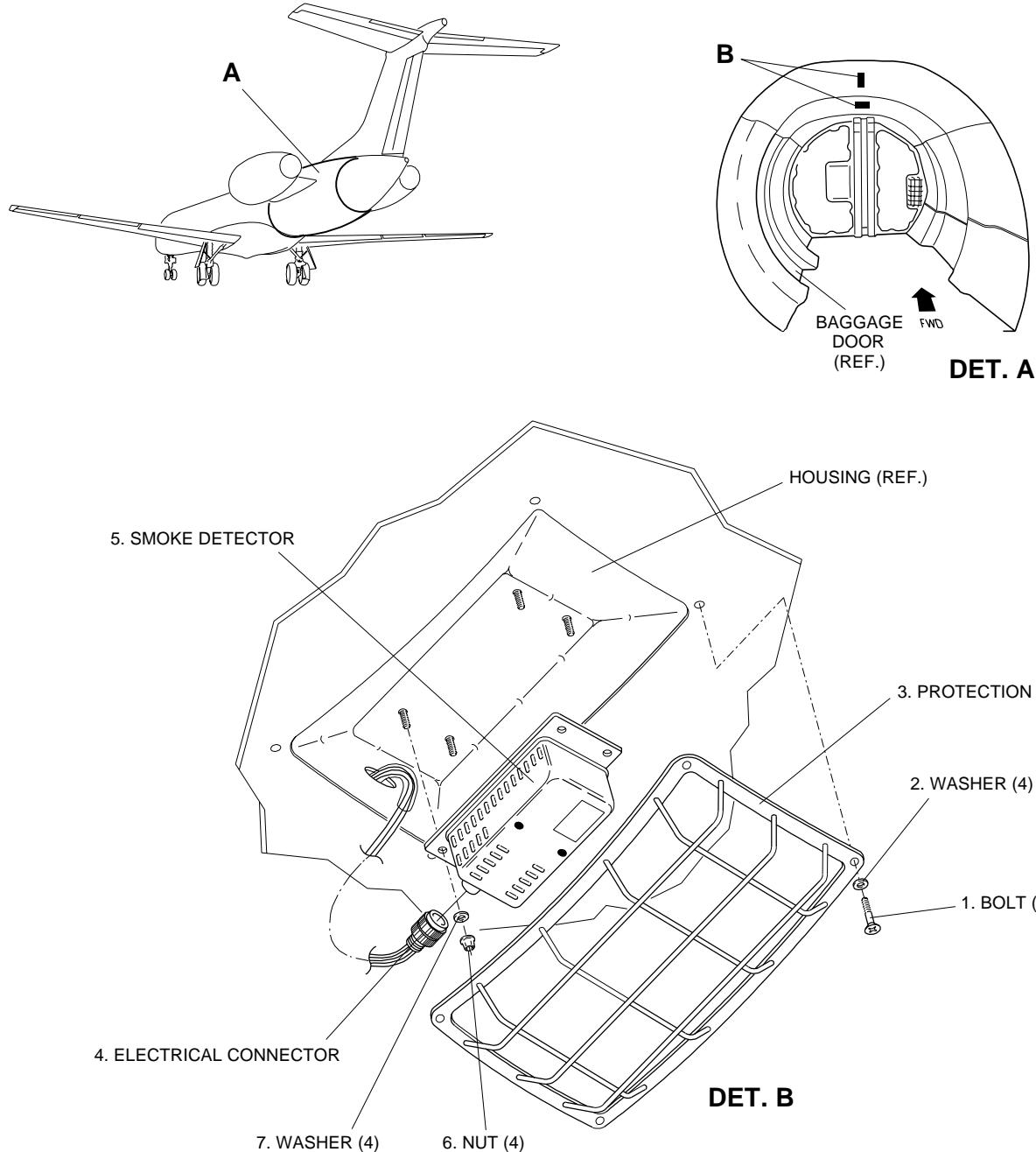
- (1) On the circuit breaker panel, open the "BAGGAGE SMOKE DET" circuit breaker and attach a "DO-NOT-CLOSE" tag to it.

I. Removal ([Figure 401](#))

*SUBTASK 020-008-B*

- (1) Remove the bolts (1) and washers (2) that attach the protection bar (3) to the detector housing (REF.).
- (2) Remove the protection bar (3).
- (3) Remove the electrical connector (4) from the smoke detector (5).
- (4) Remove the nut (6) and washers (7) that attach the smoke detector (5) into the housing (REF.).
- (5) Remove the smoke detector (5) from the housing (REF.).

**EFFECTIVITY: ACFT MODEL(S) EMB-135**  
**Cargo Smoke Detector - Removal/Installation**  
**Figure 401**



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TASK 26-15-01-400-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

3. CARGO SMOKE DETECTOR - INSTALLATION

A. General

- (1) This task gives the procedures for the installation of the cargo smoke detectors.

B. References

REFERENCE	DESIGNATION
AMM TASK 26-15-00-700-804-A/500	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
1	Rubber gloves	Electrical insulation	AR

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Baggage compartment

I. Installation (Figure 401)

SUBTASK 420-008-B

- (1) Position the smoke detector (5) into the housing (REF.).
- (2) Install the nut (6) and washers (7) that attach the smoke detector into the housing (REF.).
- (3) Install the electrical connector (4) to the smoke detector (5).
- (4) Position the protection bar (3).
- (5) Install the bolts (1) and washers (2) that attach the protection bar (3) to the smoke detector housing (REF.).



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J. Follow-on

SUBTASK 842-006-B

- (1) Remove the "DO-NOT-CLOSE" tag and close the "BAGGAGE SMOKE DET" circuit breaker.
- (2) Do the Baggage Smoke Detection System Operational Test (AMM TASK 26-15-00-700-804-A/500).

