

## FIRE PANEL - REMOVAL/INSTALLATION

*EFFECTIVITY: ACFT MODEL(S) EMB-135*

### 1. General

- A. This section gives the procedures to remove/install the fire panel.
- 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
26-00-01-000-802-A	FIRE PANEL - REMOVAL	ACFT MODEL(S) EMB-135
26-00-01-400-802-A	FIRE PANEL - INSTALLATION	ACFT MODEL(S) EMB-135

TASK 26-00-01-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

## 2. FIRE PANEL - REMOVAL

### A. General

(1) This task gives the procedures to remove the fire panel.

### B. Zones and Accesses

Not Applicable

### C. Tools and Equipment

Not Applicable

### D. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective caps	For protection of the electrical connectors	2

### E. Consumable Materials

Not Applicable

### F. Expandable Parts

Not Applicable

### G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Cockpit

### H. Preparation

#### *SUBTASK 841-016-A*

(1) On the circuit breaker panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them:

- ENG 1 FIRE DETECTION.
- ENG 2 FIRE DETECTION.
- BAGG FIRE EXTG.
- APU FIRE DETECTION.
- APU FIRE EXTG.

### I. Removal (Figure 401)

#### *SUBTASK 020-009-A*

- (1) Loosen the Dzus fasteners (5) which attach the fire panel (4) to the panel (1).
- (2) Carefully pull the fire panel (4) from its housing to get access to the electrical connectors (2) and (3).

CAUTION: BE CAREFUL WHEN YOU REMOVE THE ELECTRICAL CONNECTOR TO PREVENT DAMAGE TO THE ELECTRICAL PINS.

- (3) Hold the fire panel (4) and disconnect the electrical connector (3) from the electrical connector (2).

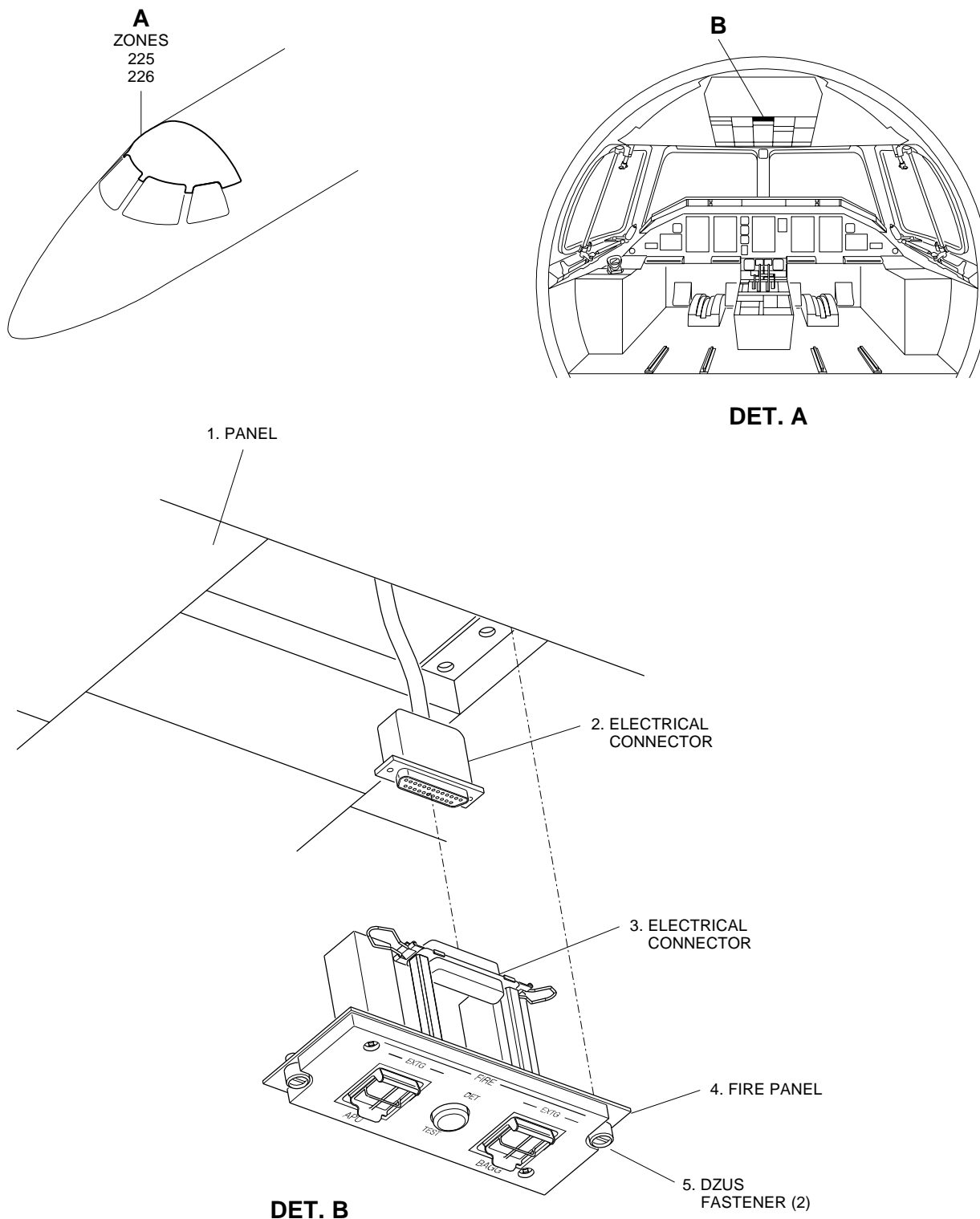
CAUTION: INSTALL PROTECTIVE CAPS ON THE ELECTRICAL CONNECTORS TO PREVENT ELECTROSTATIC DISCHARGE (ESD) AT THE ELECTRICAL PINS.

- (4) Install protective caps on the electrical connectors (2) and (3).

EFFECTIVITY: ACFT MODEL(S) EMB-135

Fire Panel - Removal/Installation

Figure 401



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TASK 26-00-01-400-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

### 3. FIRE PANEL - INSTALLATION

#### A. General

(1) This task gives the procedures to install the fire panel.

#### B. References

REFERENCE	DESIGNATION
AMM TASK 26-10-00-700-802-A/500	-

#### 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 841-017-A**

(1) Make sure that these circuit breakers are open:

- ENG 1 FIRE DETECTION.
- ENG 2 FIRE DETECTION.
- BAGG FIRE EXTG.
- APU FIRE DETECTION.
- APU FIRE EXTG.

#### J. Installation (Figure 401)

**SUBTASK 420-009-A**

(1) Remove the protective caps from the electrical connectors (3) and (2).

**CAUTION:** YOU MUST ALIGN THE ELECTRICAL CONNECTOR PLUG WITH THE ELECTRICAL CONNECTOR PINS BEFORE YOU INSTALL THE ELECTRICAL CONNECTOR. IF NOT, DAMAGE TO THE ELECTRICAL CONNECTOR AND/OR PINS CAN OCCUR.

- (2) Hold the fire panel (4) and connect the electrical connector (3) to the electrical connector (2).
- (3) Carefully put the fire panel (4) in position.
- (4) Tighten the Dzus fasteners (5) to attach the fire panel (4) to the panel (1).

K. Follow-on

*SUBTASK 842-009-A*

- (1) On the circuit breaker panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them:
  - ENG 1 FIRE DETECTION.
  - ENG 2 FIRE DETECTION.
  - BAGG FIRE EXTG.
  - APU FIRE DETECTION.
  - APU FIRE EXTG.
- (2) Do the Fire Detection System - Operational Check ( AMM TASK 26-10-00-700-802-A/ 500, as applicable).