

## FUEL CONTROL PANEL - REMOVAL/INSTALLATION

*EFFECTIVITY: ALL*

1. General

- A. This section gives the procedures to remove and install the fuel control panel.
- B. The fuel control panel is located on the overhead panel.
- C. 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
<a href="#">28-20-04-000-801-A</a>	FUEL CONTROL PANEL - REMOVAL	ALL
<a href="#">28-20-04-400-801-A</a>	FUEL CONTROL PANEL - INSTALLATION	ALL

TASK 28-20-04-000-801-A

EFFECTIVITY: ALL

## 2. FUEL CONTROL PANEL - REMOVAL

### A. General

(1) This task gives the procedure to remove the fuel control panel.

### B. References

REFERENCE	DESIGNATION
<a href="#">AMM MPP 28-00-00/200</a>	- MAINTENANCE PRACTICES

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
225		Cockpit

### 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 841-002-A

**WARNING: MAKE SURE THAT THE AIRCRAFT IS IN A SAFE CONDITION BEFORE YOU DO THE MAINTENANCE PROCEDURES. THIS IS TO PREVENT INJURY TO PERSONS AND/OR DAMAGE TO THE EQUIPMENT.**

(1) Make sure that the aircraft is safe for maintenance.

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN [AMM MPP 28-00-00/200](#) TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

(2) On the circuit breaker panel, on the overhead panel, open these circuit breakers and attach DO-NOT-CLOSE tags to them:

(a) FUEL PUMP 1A, 1B, and 1C.

(b) FUEL PUMP 2A, 2B, and 2C.

(c) CROSS FEED.

(d) LIGHT OVHD PANEL.

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

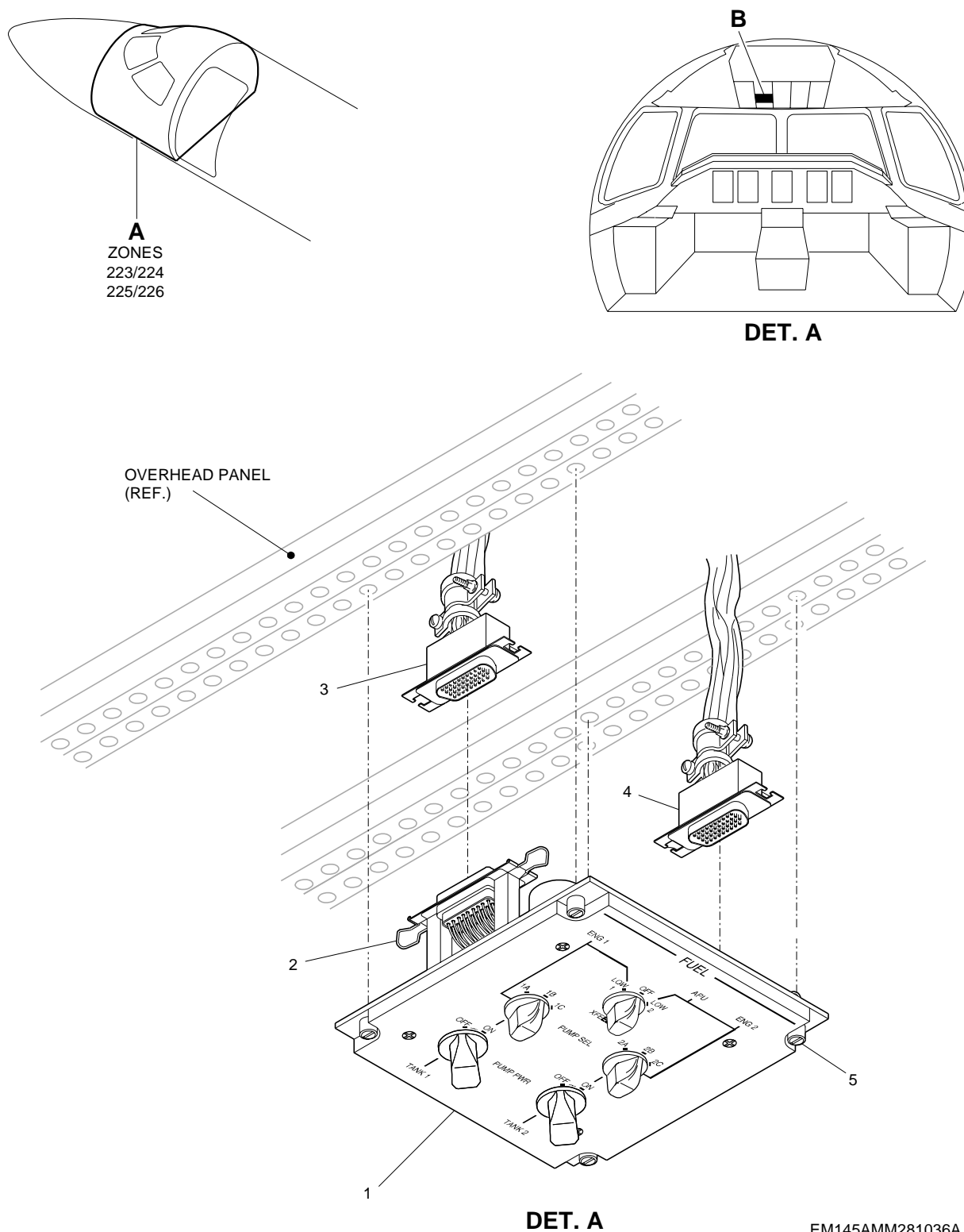
*SUBTASK 020-002-A*

- (1) Loosen the Dzus fasteners (5) that attach the fuel control panel (1) to the overhead panel.
- (2) Carefully pull the fuel control panel (1) to gain access to the electrical connectors (3) and (4) and disconnect them.
- (3) Remove the fuel control panel (1) and install protection caps on the connectors.

EFFECTIVITY: ALL

Fuel Control Panel - Removal/Installation

Figure 401



EM145AMM281036A.DGN

TASK 28-20-04-400-801-A

EFFECTIVITY: ALL

### 3. FUEL CONTROL PANEL - INSTALLATION

#### A. General

(1) This task gives the procedure to install the fuel control panel.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 28-00-00/200	- MAINTENANCE PRACTICES
AMM TASK 28-20-04-700-801-A/500	FUEL CONTROL PANEL - OPERATIONAL TEST

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
225		Cockpit

#### 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. Installation (Figure 401)

SUBTASK 420-002-A

**WARNING: MAKE SURE THAT THE AIRCRAFT IS IN A SAFE CONDITION BEFORE YOU DO THE MAINTENANCE PROCEDURES. THIS IS TO PREVENT INJURY TO PERSONS AND/OR DAMAGE TO THE EQUIPMENT.**

(1) Make sure that the aircraft is safe for maintenance.

**WARNING: BEFORE YOU DO THE TASK, OBEY THE SAFETY PRECAUTIONS GIVEN IN AMM MPP 28-00-00/200 TO PREVENT INJURY TO PERSONS AND DAMAGE TO MATERIAL.**

(2) Remove the protection caps from the electrical connectors.

(3) Examine the electrical connectors for bent or broken pins, dirt, and damage.

- (4) Connect the harness connectors (3) and (4) to the fuel control panel connectors.

NOTE: Use the locks (2) to attach the control panel connectors to the harness connectors.

- (5) Put the fuel control panel (1) in position and tighten the Dzus fasteners (5) to attach the fuel control panel (1) to the overhead panel.

J. Follow-on

*SUBTASK 842-002-A*

- (1) On the circuit breaker panel, on the overhead panel, remove DO-NOT-CLOSE tags and close these circuit breakers:
- (a) FUEL PUMP 1A, 1B, and 1C.
  - (b) FUEL PUMP 2A, 2B, and 2C.
  - (c) CROSS FEED.
  - (d) LIGHT OVHD PANEL.
- (2) Do the operational test of the fuel control panel ( [AMM TASK 28-20-04-700-801-A/500](#)).