

## FMS JOYSTICK - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT WITH FMS UNIVERSAL*

### 1. General

- A. This section gives the procedures to remove and install the FMS Joystick.
- 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                 |
|--------------------|-----------------------------|-----------------------------|
| 34-62-08-000-801-A | FMS JOYSTICK - REMOVAL      | AIRCRAFT WITH FMS UNIVERSAL |
| 34-62-08-400-801-A | FMS JOYSTICK - INSTALLATION | AIRCRAFT WITH FMS UNIVERSAL |

TASK 34-62-08-000-801-A

*EFFECTIVITY: AIRCRAFT WITH FMS UNIVERSAL*

## 2. FMS JOYSTICK - REMOVAL

### A. General

This procedure gives the instructions to remove the FMS Joystick.

### B. References

| REFERENCE                                       | DESIGNATION                        |
|---|------------------------------------|
| <a href="#">AMM TASK 20-13-10-000-801-A/400</a> | CONTROL PANELS - REMOVAL (TYPICAL) |

### 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 841-002-A*

- (1) (Aircraft with single FMS) On the circuit breaker panel, open the CMPTR (Location tip: DC BUS 1/NAV/CMPTR) circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) (Aircraft with dual FMS) On the Overhead Circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:
  - CHANNEL 1 (Location tip: ESSENTIAL DC BUS 1/STALL PROT/CHANNEL 1).
  - SHAKER 1 (Location tip: ESSENTIAL DC BUS 1/STALL PROT/SHAKER 1).
  - CHANNEL 2 (Location tip: DC BUS 2/STALL PROT/CHANNEL 2).
  - SHAKER 2 (Location tip: DC BUS 2/STALL PROT/SHAKER 2).
  - PUSHER CLUTCH (Location tip: DC BUS 2/STALL PROT/PUSHER CLUTCH).
  - FMS1 (Location tip: DC BUS 1/NAV/FMS1).

- (3) (Aircraft with dual FMS) On the right power control/distribution box, open the PUSHER MOTOR circuit breaker and attach a DO-NOT-CLOSE tag to it.

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

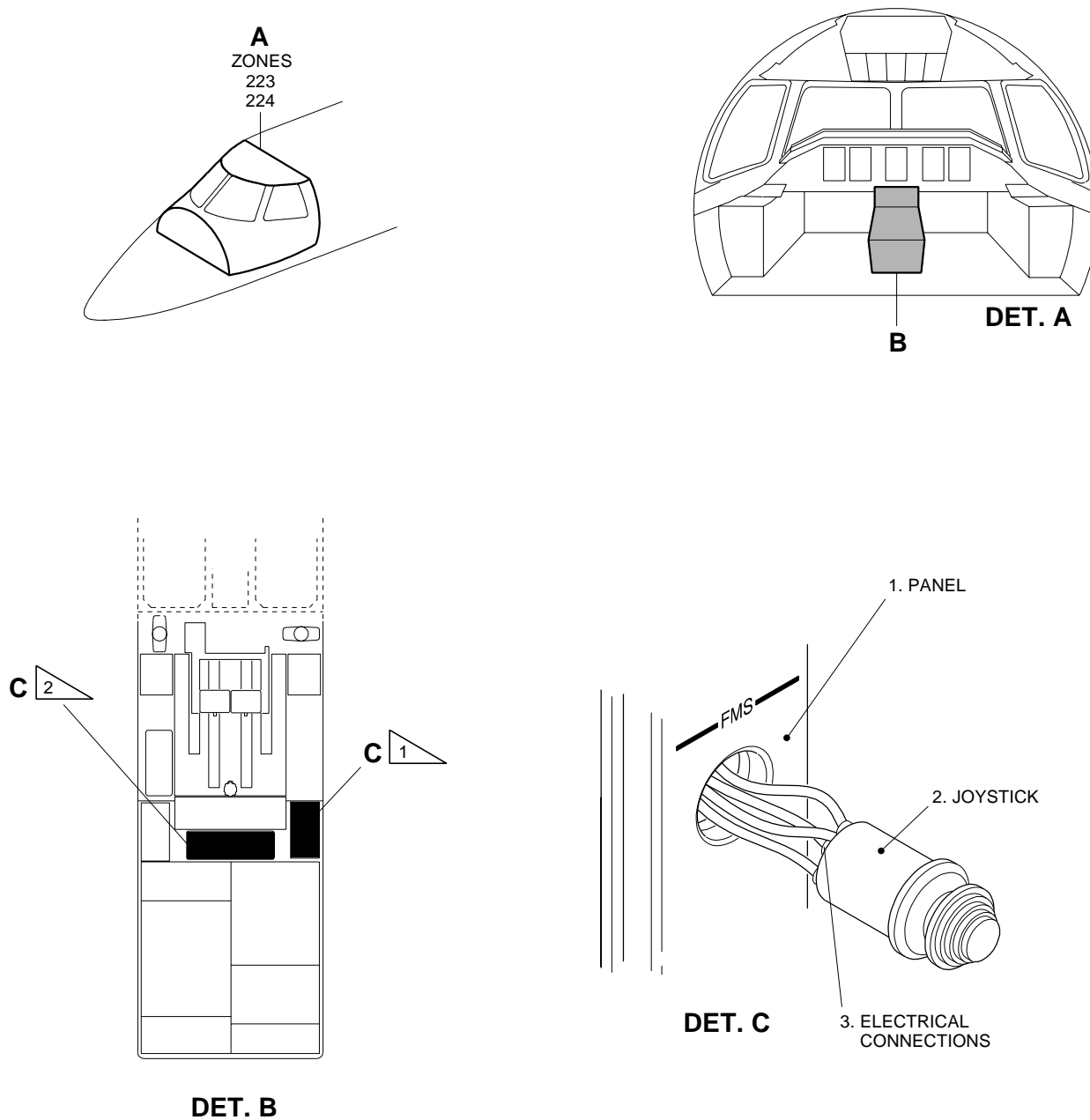
*SUBTASK 020-002-A*

- (1) Remove the panel (1) with the joystick (2) installed to get access to the electrical connections (3), refer to AMM task Control Panels - Removal [AMM TASK 20-13-10-000-801-A/400](#).
- (2) Unsolder the electrical connections (3) from the joystick (2).
- (3) Push the joystick (3) and remove it from the panel (1).

EFFECTIVITY: AIRCRAFT WITH FMS UNIVERSAL

Joystick - Removal/Installation

Figure 401



1 AIRCRAFT WITH SINGLE FMS.

2 AIRCRAFT WITH DUAL FMS.

EM145AMM341047A.DGN

TASK 34-62-08-400-801-A

EFFECTIVITY: AIRCRAFT WITH FMS UNIVERSAL

### 3. FMS JOYSTICK - INSTALLATION

#### A. General

This procedure gives the instructions to install the FMS Joystick.

#### B. References

| REFERENCE                                       | DESIGNATION                             |
|---|---|
| <a href="#">AMM TASK 20-13-10-400-801-A/400</a> | CONTROL PANELS - INSTALLATION (TYPICAL) |
| WM 20-30-00                                     | -                                       |
| WM 34-61-50                                     | -                                       |
| WM 34-62-50                                     | -                                       |

#### 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. Installation (Figure 401)

##### SUBTASK 420-002-A

- (1) Insert the joystick (3) into the panel (1).
- (2) (Aircraft with single FMS) Solder the electrical connections (3) to the joystick (2), refer to Aircraft Wiring Manual (WM 34-61-50) and to Soldering Procedures (WM 20-30-00).
- (3) (Aircraft with dual FMS) Solder the electrical connections (3) to the joystick (2), refer to Aircraft Wiring Manual (WM 34-62-50) and to Soldering Procedures (WM 20-30-00).
- (4) To install the panel (1), refer to AMM task Control Panels - Install [AMM TASK 20-13-10-400-801-A/400](#).

J. Follow-on

*SUBTASK 842-002-A*

- (1) (Aircraft with single FMS) On the circuit breaker panel, close the CMPTR (Location tip: DC BUS 1/NAV/CMPTR) circuit breaker and remove the DO-NOT-CLOSE tag from it.
- (2) (Aircraft with dual FMS) On the Overhead Circuit breaker panel, close the circuit breakers below and remove the DO-NOT-CLOSE tag from them:
  - CHANNEL 1 (Location tip: ESSENTIAL DC BUS 1/STALL PROT/CHANNEL 1).
  - SHAKER 1 (Location tip: ESSENTIAL DC BUS 1/STALL PROT/SHAKER 1).
  - CHANNEL 2 (Location tip: DC BUS 2/STALL PROT/CHANNEL 2).
  - SHAKER 2 (Location tip: DC BUS 2/STALL PROT/SHAKER 2).
  - PUSHER CLUTCH (Location tip: DC BUS 2/STALL PROT/PUSHER CLUTCH).
  - FMS1 (Location tip: DC BUS 1/NAV/FMS1).
- (3) (Aircraft with dual FMS) On the right power control/distribution box, close the PUSHER MOTOR circuit breaker and remove the DO-NOT-CLOSE tag from it.