

## FMS (HONEYWELL) CONFIGURATION MODULE - REMOVAL/INSTALLATION

*EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL*

### 1. General

- A. This section gives the procedures to remove and install the FMS1 and/or FMS2 Configuration Module.
- 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
34-61-04-000-801-A	CONFIGURATION MODULE - REMOVAL	AIRCRAFT WITH FMS HONEYWELL
34-61-04-400-801-A	CONFIGURATION MODULE - INSTALLATION	AIRCRAFT WITH FMS HONEYWELL

TASK 34-61-04-000-801-A

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

## 2. CONFIGURATION MODULE - REMOVAL

### A. General

- (1) This procedure gives the instructions to remove the FMS1 and/or FMS2 Configuration Module.

### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM TASK 29-10-00-860-802-A/200</a>	HYDRAULIC SYSTEM - PRESSURIZATION WITH EMDP
<a href="#">AMM TASK 32-00-02-910-801-A/200</a>	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
<a href="#">S.B.145-32-0036</a>	-

### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Forward electronic 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	Does the task	Forward electronic compartment

### I. Preparation

#### SUBTASK 841-002-A

- (1) For aircraft PRE-MOD [S.B.145-32-0036](#), make sure that pressure in hydraulic system 1 is fully released ( [AMM TASK 29-10-00-860-802-A/200](#)).
- (2) For aircraft POST-MOD [S.B.145-32-0036](#), install the safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).

- (3) (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.
- (4) (Aircraft with dual FMS) On the circuit breaker panel, open the FMS1 (Location tip: DC BUS 1/NAV/FMS1) and/or FMS2 (Location tip: DC BUS 2/NAV/FMS2) circuit breaker(s) and attach a DO-NOT-CLOSE tag to it (them).
- (5) Open access door 113CZ (AMM MPP 06-41-01/100).

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

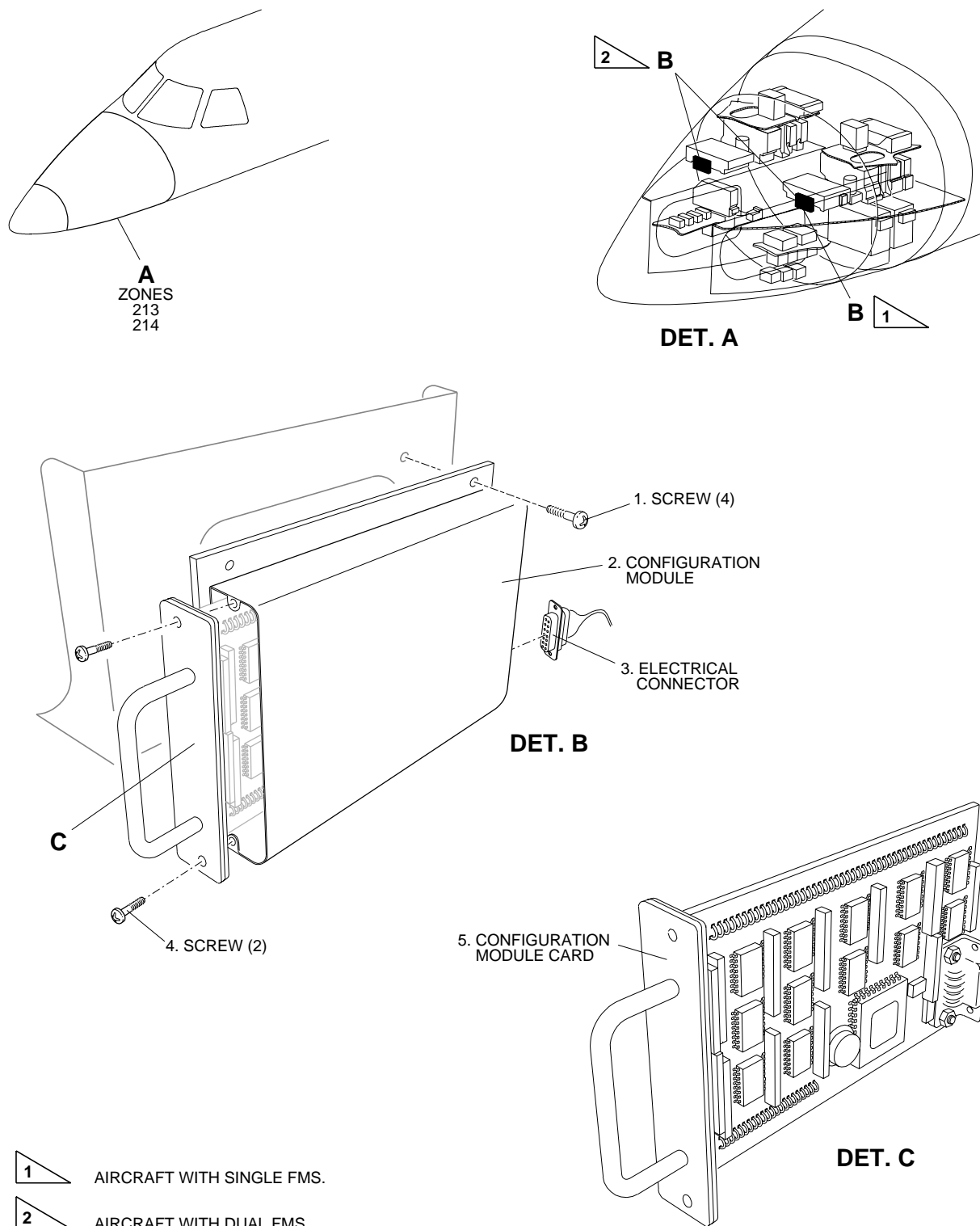
*SUBTASK 020-002-A*

- (1) Disconnect the electrical connector (3).
- (2) Remove the four screws (1) which attach the Configuration Module (2) to its support.
- (3) Remove the Configuration Module (2).

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

Configuration Module - Installation

Figure 401



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TASK 34-61-04-400-801-A

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

### 3. CONFIGURATION MODULE - INSTALLATION

#### A. General

(1) This procedure gives the instructions to install the Configuration Module.

#### B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM TASK 32-00-02-910-801-A/200</a>	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
<a href="#">AMM TASK 34-61-00-700-801-A/500</a>	FLIGHT MANAGEMENT SYSTEM (FMS) - OPERATIONAL TEST
<a href="#">S.B.145-32-0036</a>	-
WM 34-90-01	-

#### C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Forward electronic 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	Does the task	Forward electronic compartment

#### I. Installation (Figure 401)

SUBTASK 420-002-A

(1) Do the steps below to configure the Configuration Module card:

(a) Remove the two screws (4) which attach the Configuration Module card (5) to its case.

**CAUTION:** ALWAYS MOVE THE CONFIGURATION MODULE CARD ASSEMBLY IN ITS CASE OR IN AN ANTISTATIC BAG.

- (b) Move the Configuration Module card (5) out of the case by its handle.

**CAUTION:** • BE VERY CAREFUL WHEN YOU CUT THE STRAPS AS NOT TO DAMAGE THE CONFIGURATION MODULE CARD ASSEMBLY.

- CUT THE STRAPS IN AN ELECTROSTATIC SAFE ENVIRONMENT TO PREVENT DAMAGE TO THE CONFIGURATION MODULE CARD ASSEMBLY.

- (c) Configure the Configuration Module card (5). Refer to the Wiring Manual (WM 34-90-01).

**NOTE:** Carefully cut the straps in two places and remove the wires fragments.

- (d) Put the Configuration Module card (5) in its case.

- (e) Install the two screws (4) which attach the Configuration Module card (5) to its case.

- (2) Put the Configuration Module (2) in its support, on the aircraft.

- (3) Install the four screws (1) which attach the Configuration Module (2) to its support.

- (4) Connect the electrical connector (3).

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 circuit breaker panel, close the FMS1 (Location tip: DC BUS 1/NAV/FMS1) and/or FMS2 (Location tip: DC BUS 2/NAV/FMS2) circuit breaker(s) and remove the DO-NOT-CLOSE tag from it (them).
- (3) On the CDU, push the "PERF" key to get access to the "PERF INDEX" page.
- (4) On the "PERF INDEX" page, push the "FUEL MGT" key to get access to the "FUEL MGT" page.
- (5) Make sure that the fuel indicator shows the right weight unit (lbs or kg), in agreement with the aircraft configuration. Refer to the Wiring Manual (WM 34-90-01).
- (6) Do the FMS Operational Test ( [AMM TASK 34-61-00-700-801-A/500](#)).
- (7) Close access door 113CZ (AMM MPP 06-41-01/100).
- (8) For aircraft POST-MOD [S.B.145-32-0036](#), remove the safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).