

FMS (HONEYWELL) COMPUTER - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

1. General

- A. This section gives the procedures to remove and install FMS computer 1 and/or 2.
- 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
34-61-01-000-801-A	FMS COMPUTER - REMOVAL	AIRCRAFT WITH FMS HONEYWELL
34-61-01-400-801-A	FMS COMPUTER - INSTALLATION	AIRCRAFT WITH FMS HONEYWELL

TASK 34-61-01-000-801-A

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

2. FMS COMPUTER - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the FMS computer 1 and/or 2.

B. References

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

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	At the forward electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) For aircraft PRE-MOD [S.B.145-32-0036](#), make sure that the 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 safety pin of the NLG door solenoid valve ([AMM TASK 32-00-02-910-801-A/200](#)).
- (3) Open access door 113CZ (AMM MPP 06-41-01/100).

- (4) (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.
- (5) (Aircraft with dual FMS) On the circuit breaker panel, open the FMC1 (Location tip: DC BUS 1/NAV/FMC1) and/or FMC2 (Location tip: DC BUS 2/NAV/FMC2) circuit breaker(s) and attach a DO-NOT-CLOSE tag to it (them).

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

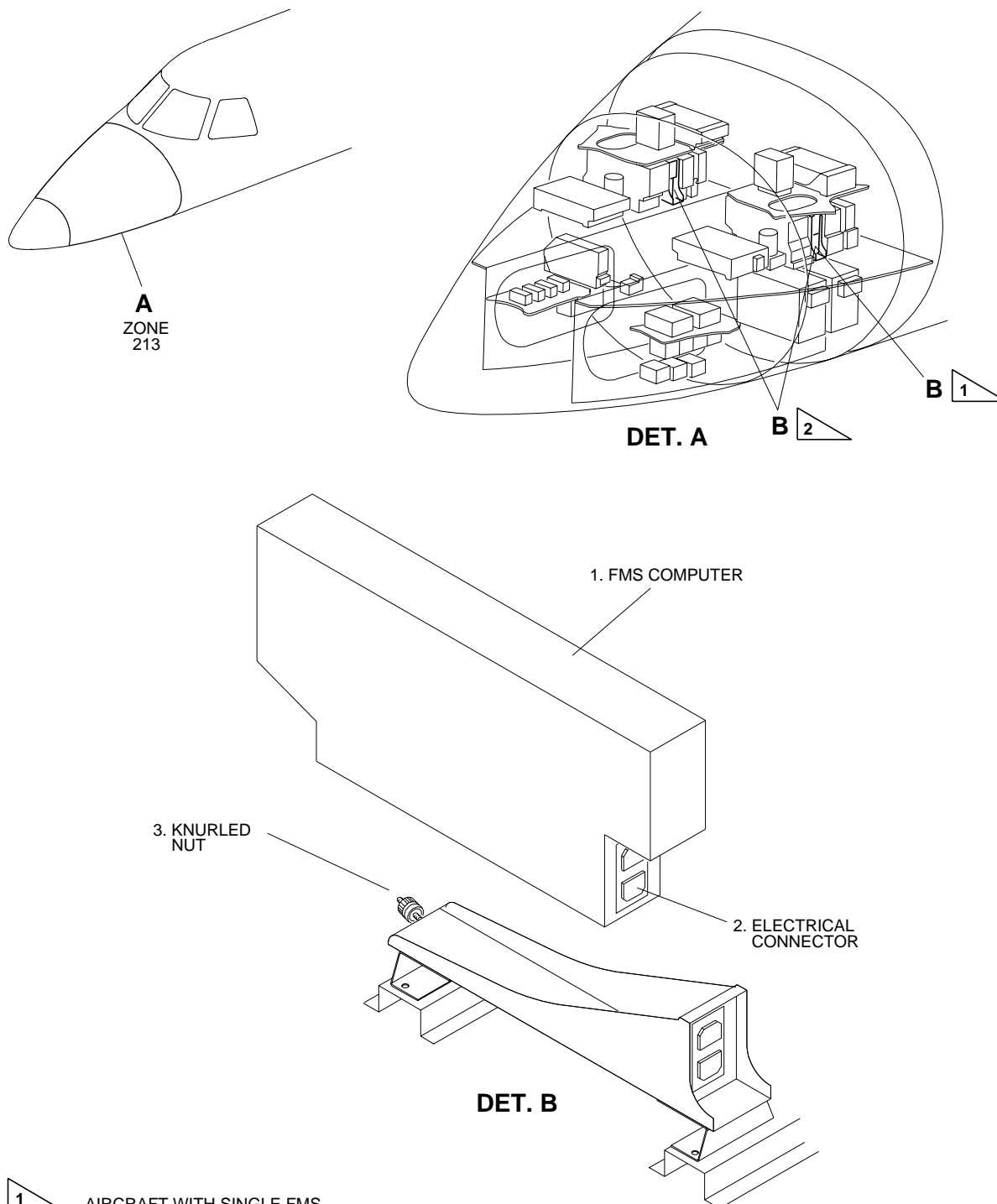
SUBTASK 020-002-A

- (1) Release the knurled nut (3) which attaches the FMS computer (1).
- (2) Pull the FMS computer (1) by its handle, until it is disconnected from the electrical connector (2) attached to the mounting rack.
- (3) Remove the FMS computer (1).

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

FMS Computer - Removal/Installation

Figure 401



1 AIRCRAFT WITH SINGLE FMS.

2 AIRCRAFT WITH DUAL FMS.

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TASK 34-61-01-400-801-A

EFFECTIVITY: AIRCRAFT WITH FMS HONEYWELL

3. FMS COMPUTER - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the FMS computer 1 and/or 2.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-04/100	-
AMM TASK 32-00-02-910-801-A/200	SAFETY PIN OF THE NLG DOORS SOLENOID VALVE - INSTALLATION AND REMOVAL
AMM TASK 34-61-00-470-802-A/200	FMS - MODE CONFIGURATION
AMM TASK 34-61-00-700-801-A/500	FLIGHT MANAGEMENT SYSTEM (FMS) - OPERATIONAL TEST
S.B.145-32-0036	-

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	At the forward electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the FMS computer (1) on the mounting rack.
- (2) Push the FMS computer (1) by its handle, until it is connected to the electrical connector (2) attached to the mounting rack.
- (3) Tighten the knurled nut (3) which attaches the FMS computer (1) to the mounting rack.

J. Follow-on

SUBTASK 842-002-A

- (1) (Aircraft with single FMS) On the circuit breaker panel, close the FMS (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 FMC1 (Location tip: DC BUS 1/NAV/FMC1) and/or FMC2 (Location tip: DC BUS 2/NAV/FMC2) circuit breaker(s) and remove the DO-NOT-CLOSE tag from it (them).
- (3) (Applicable to aircraft equipped with EGPWS) Make sure that the FMS is configured to operate in the pattern mode ([AMM TASK 34-61-00-470-802-A/200](#)).
- (4) Do the FMS Operational Test ([AMM TASK 34-61-00-700-801-A/500](#)).
- (5) Close access door 113CZ (AMM MPP 06-41-04/100).
- (6) On 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](#)).