

ACARS CONFIGURATION MODULE - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH ACARS

1. General

- A. This section contains the procedures to remove/install the ACARS configuration module.
- B. The ACARS configuration module is a serially connected EEPROM designed to store the ACARS configuration data.
- C. The ACARS configuration module is installed in the ACARS mounting tray.
- D. 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
23-22-03-000-801-A	ACARS CONFIGURATION MODULE - REMOVAL	AIRCRAFT WITH ACARS
23-22-03-400-801-A	ACARS CONFIGURATION MODULE - INSTALLATION	AIRCRAFT WITH ACARS

TASK 23-22-03-000-801-A

EFFECTIVITY: AIRCRAFT WITH ACARS

2. ACARS CONFIGURATION MODULE - REMOVAL

A. General

This task gives the procedure to remove the ACARS configuration module.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 23-22-01-000-801-A/400	ACARS UNIT - REMOVAL
AMM TASK 34-21-01-000-801-A/400	AHRS COMPUTER - REMOVAL
AMM TASK 34-62-01-000-801-A/400	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
214	113CZ	Forward electronic compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
M81969/14-01	Insertor/Extractor	Pin insert/extract	

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) Open the 113CZ access door (AMM MPP 06-41-01/100).

NOTE: Make sure that landing gear safety pins are installed.

- (2) On the circuit breaker panel, on the cockpit ceiling, make sure that circuit breakers below are open:
 - ACARS (Location Tip: DC BUS 1/COMM/ACARS).

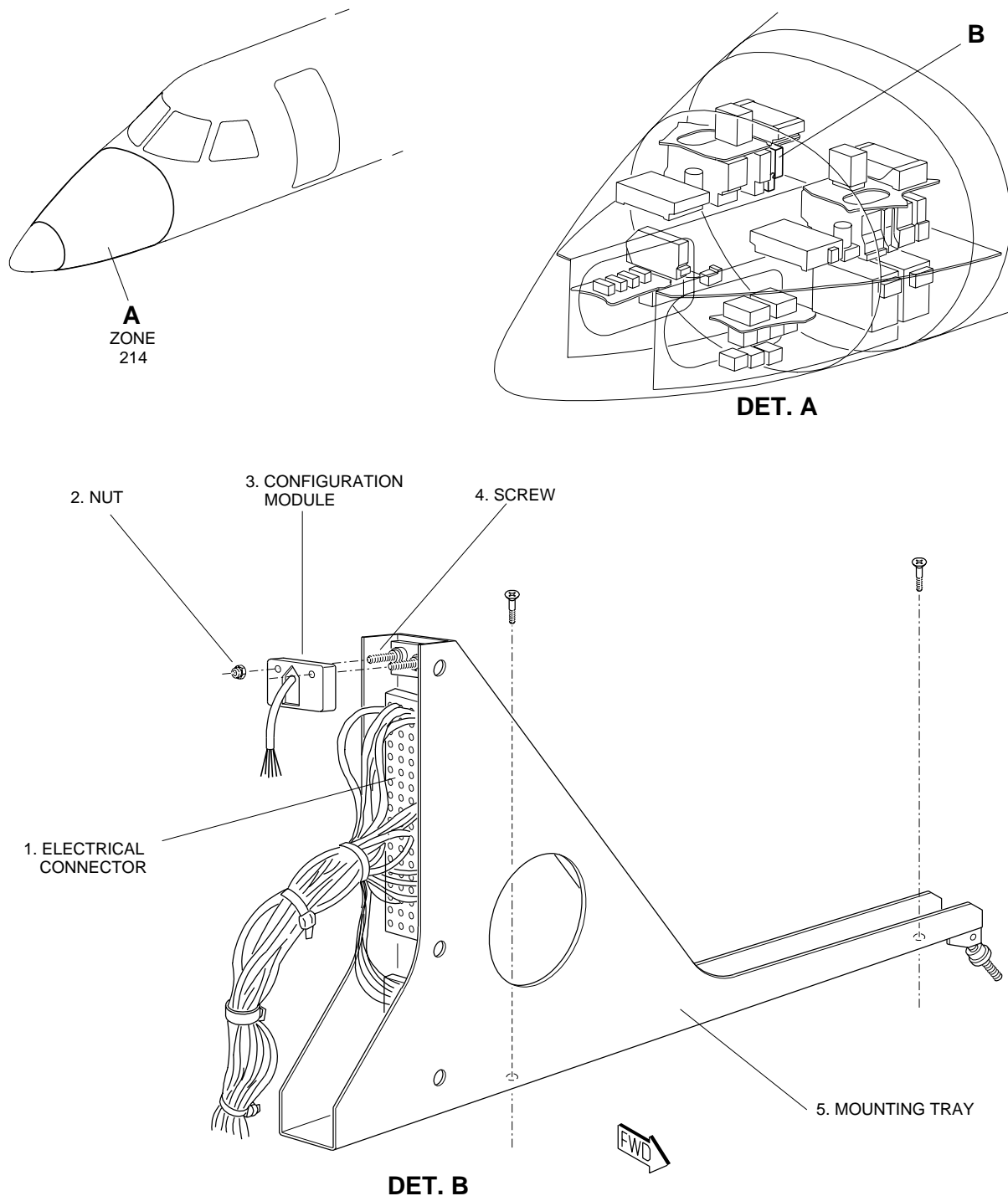
- FMS 2 (Location Tip: DC BUS 2/NAV/FMS 2).
- AHRS 2 (Location Tip: DC BUS 2/NAV/AHRS2).

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

SUBTASK 020-002-A

- (1) Remove the ACARS unit from the mounting tray (5) ([AMM TASK 23-22-01-000-801-A/400](#)).
- (2) Remove the FMS 2 computer from the mounting tray (AMM TASK 34-62-01-000-801-A/400).
- (3) Remove the AHRS 2 from the mounting tray ([AMM TASK 34-21-01-000-801-A/400](#)).
- (4) Remove the screws that attach the electrical connector (1) to the mounting tray (5).
- (5) Remove the screws that attach the mounting tray (5) to the structure.
- (6) Carefully pull the mounting tray (5) to get access to the configuration module (3).
- (7) Remove the nuts (2) that attach the configuration module (3) to the mounting tray (5).
- (8) Using the pin extractor, remove from the electrical connector (1), the connector's pins of the configuration module (3).
- (9) Remove the configuration module (3).

EFFECTIVITY: AIRCRAFT WITH ACARS
ACARS Configuration Module - Removal/Installation
Figure 401



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TASK 23-22-03-400-801-A

EFFECTIVITY: AIRCRAFT WITH ACARS

3. ACARS CONFIGURATION MODULE - INSTALLATION

A. General

This procedure gives the instructions to install the ACARS Configuration Module.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 23-22-00-700-801-A/500	ACARS - FUNCTIONAL TEST WITH A PORTABLE ACARS TEST STATION(PATS)
AMM TASK 23-22-01-400-801-A/400	ACARS UNIT - INSTALLATION
AMM TASK 23-22-03-860-801-A/200	ACARS CONFIGURATION MODULE - PROGRAMMING
AMM TASK 34-21-01-400-801-A/400	AHRS COMPUTER - INSTALLATION
AMM TASK 34-62-01-400-801-A/400	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
214	113CZ	Forward electronic compartment

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
M81969/14-01	Insertor/Extractor	Pin insert/extract	

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) Using the pin inserter, insert the configuration module (3) pins on the electrical connector (1).

- (2) Install the configuration module (3) on the mounting tray (5).
- (3) Tighten the nuts (2) that attach the configuration module (3) to the mounting tray (5).
- (4) Tighten the screws that attach the electrical connector (1) to the mounting tray (5).
- (5) Tighten screws that attach the mounting tray (5) to the structure.
- (6) Install the ACARS unit into the mounting tray (5) ([AMM TASK 23-22-01-400-801-A/400](#)).
- (7) Install the FMS 2 computer into the mounting tray (AMM TASK 34-62-01-400-801-A/400).
- (8) Install the AHRS 2 into the mounting tray ([AMM TASK 34-21-01-400-801-A/400](#)).

J. Follow-on

SUBTASK 842-002-A

- (1) Close the 113CZ access door (AMM MPP 06-41-01/100).
- (2) On the circuit breaker panel, on the cockpit ceiling, close the circuit breakers below:
 - ACARS (Location Tip: DC BUS 1/COMM/ACARS).
 - FMS 2 (Location Tip: DC BUS 2/NAV/FMS 2).
 - AHRS 2 (Location Tip: DC BUS 2/NAV/AHRS2).
- (3) Proceed an ACARS configuration ([AMM TASK 23-22-03-860-801-A/200](#)).
- (4) Do the ACARS functional test ([AMM TASK 23-22-00-700-801-A/500](#)).