



## AIRCRAFT MAINTENANCE MANUAL

### AMPLIFIER/ANALOG-TO-DIGITAL CONVERTER - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH LOAD CELLS

#### 1. General

- A. This section gives the procedures to remove and install the Amplifier/Analog-to-Digital Converter.
- 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
31-31-08-000-801-A	AMPLIFIER/ANALOG-TO-DIGITAL CONVERTER - REMOVAL	AIRCRAFT WITH LOAD CELLS
31-31-08-400-801-A	AMPLIFIER/ANALOG-TO-DIGITAL CONVERTER - INSTALLATION	AIRCRAFT WITH LOAD CELLS



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TASK 31-31-08-000-801-A

EFFECTIVITY: AIRCRAFT WITH LOAD CELLS

2. AMPLIFIER/ANALOG-TO-DIGITAL CONVERTER - REMOVAL

A. General

- (1) This task gives the procedure to remove the Amplifier/Analog-to-Digital Converter.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
<a href="#">AMM TASK 32-00-01-910-801-A/200</a>	LG SAFETY PIN - INSTALLATION AND REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Below the cockpit floor

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	Below the cockpit floor

I. Preparation

*SUBTASK 841-002-A*

- (1) On the circuit breaker panel, open the LOAD CELLS circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Make sure that the landing gear safety pin is installed to the NLG ([AMM TASK 32-00-01-910-801-A/200](#)).
- (3) Open access door 123BL (AMM MPP 06-41-01/100).

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

*SUBTASK 020-002-A*

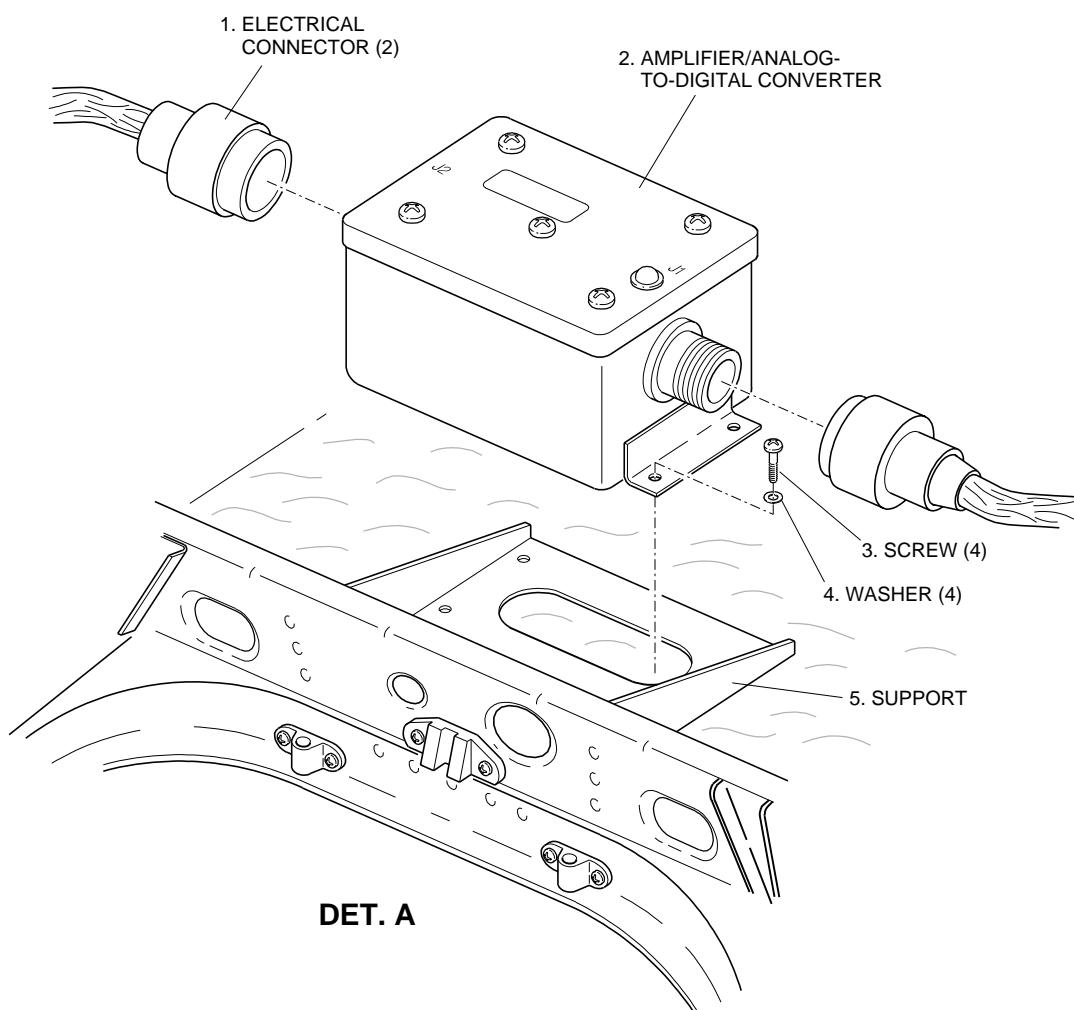
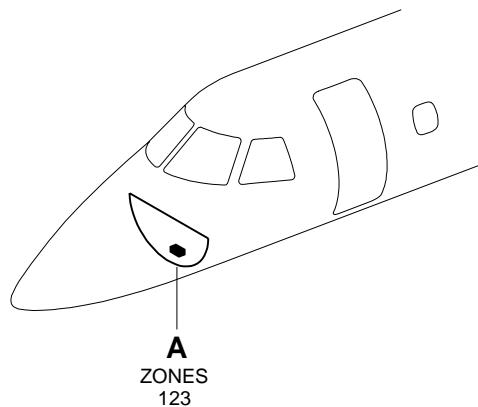
- (1) Disconnect the electrical connectors (1).



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- (2) Remove the screws (3) and washers (4) that attach the Amplifier/Analog-to-Digital Converter (2) to the support (5).
- (3) Remove the Amplifier/Analog-to-Digital Converter (2).

**EFFECTIVITY: AIRCRAFT WITH LOAD CELLS**  
**Amplifier/Analog-to-Digital Converter - Removal/Installation**  
**Figure 401**



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TASK 31-31-08-400-801-A

EFFECTIVITY: AIRCRAFT WITH LOAD CELLS

3. AMPLIFIER/ANALOG-TO-DIGITAL CONVERTER - INSTALLATION

## A. General

- (1) This task gives the procedure to install the Amplifier/Analog-to-Digital Converter.

## B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-

## C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123	123BL	Below the cockpit floor

## 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	Below the cockpit floor

## I. Installation (Figure 401)

## SUBTASK 420-002-A

- (1) Install the Amplifier/Analog-to-Digital Converter (2) on the support (5).
- (2) Install the screws (3) and washers (4) to attach the Amplifier/Analog-to-Digital Converter (2) to the support (5).
- (3) Connect the electrical connectors (1).

## J. Follow-on

## SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the LOAD CELLS circuit breaker and remove the DO-NOT-CLOSE tag from it.

NOTE: There is a lamp on the front panel of the Amplifier/Analog-to-Digital Converter that flashes in the energization procedure and goes off. If this lamp stays on,



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there is a failure in the system (Amplifier/Analog-to-Digital Converter or Load Cells).

- (2) Close access door 123BL (AMM MPP 06-41-01/100).