

## 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

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).

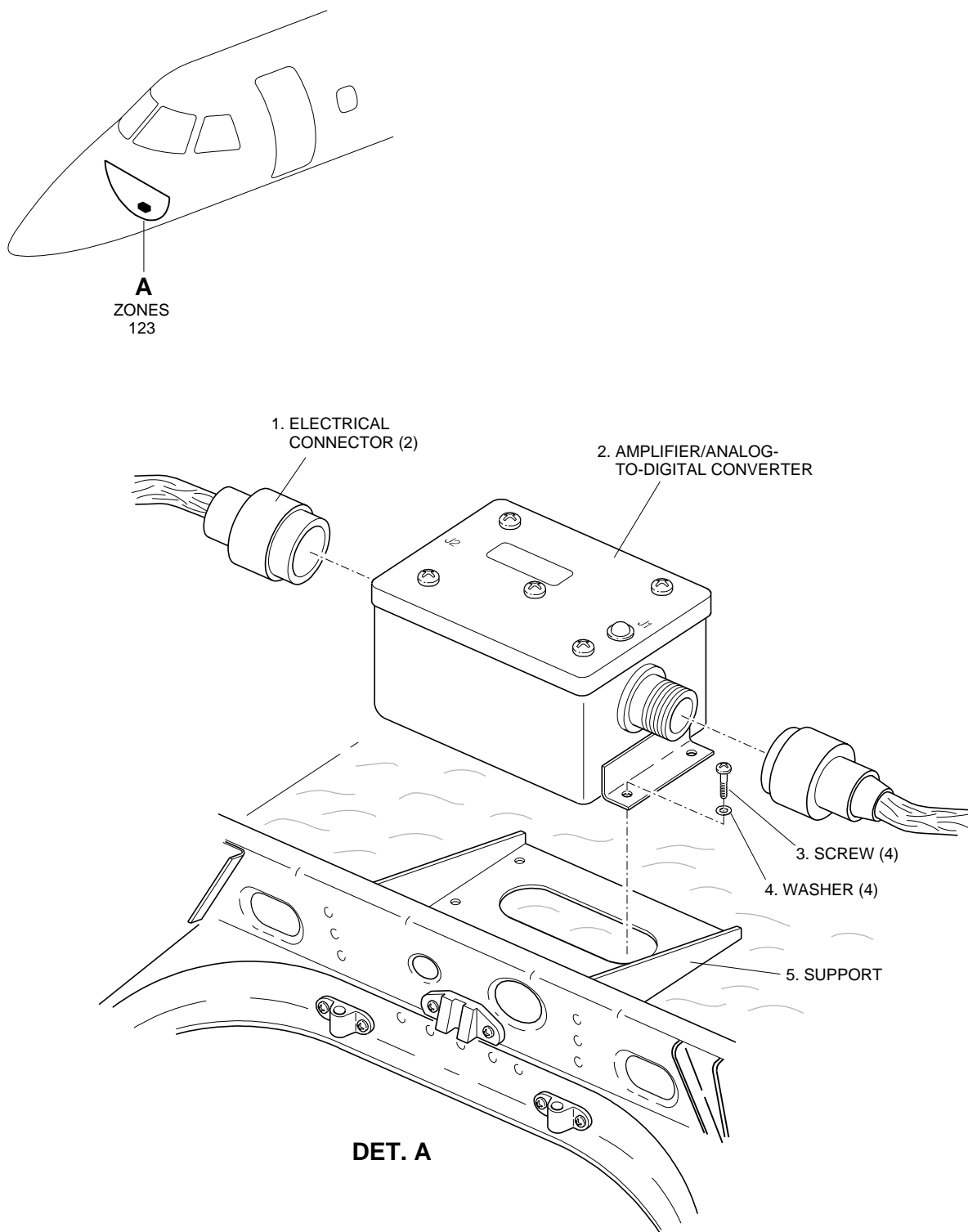


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- (2) Remove the screws (3) and washers (4) that attach the Amplifier/Analog-to-Digital Converter (2) to the support (5).
  - (3) Remove the Amplifier/Analog-to-Digital Converter (2).

**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,

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).