



AIRCRAFT  
MAINTENANCE MANUAL

TRIAXIAL ACCELEROMETER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the FDR triaxial accelerometer.
- B. The FDR triaxial accelerometer is installed in the wing stub with access at the left main landing gear wheelwell.
- C. 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
31-31-03-000-801-A	FDR TRIAXIAL ACCELEROMETER - RE- MOVAL	ALL
31-31-03-400-801-A	FDR TRIAXIAL ACCELEROMETER - IN- STALLATION	ALL



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 31-31-03-000-801-A

EFFECTIVITY: ALL

2. FDR TRIAXIAL ACCELEROMETER - REMOVAL

A. General

- (1) This task gives the procedures to remove the FDR triaxial accelerometer.

B. References

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
155	155MZ	Left main landing gear wheelwell

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	Wing stub

I. Preparation

SUBTASK 841-002-A

- (1) On the circuit breaker panel, open the FDR circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (2) Remove access panel 155MZ (AMM MPP 06-41-01/100).

J. Removal (Figure 401)

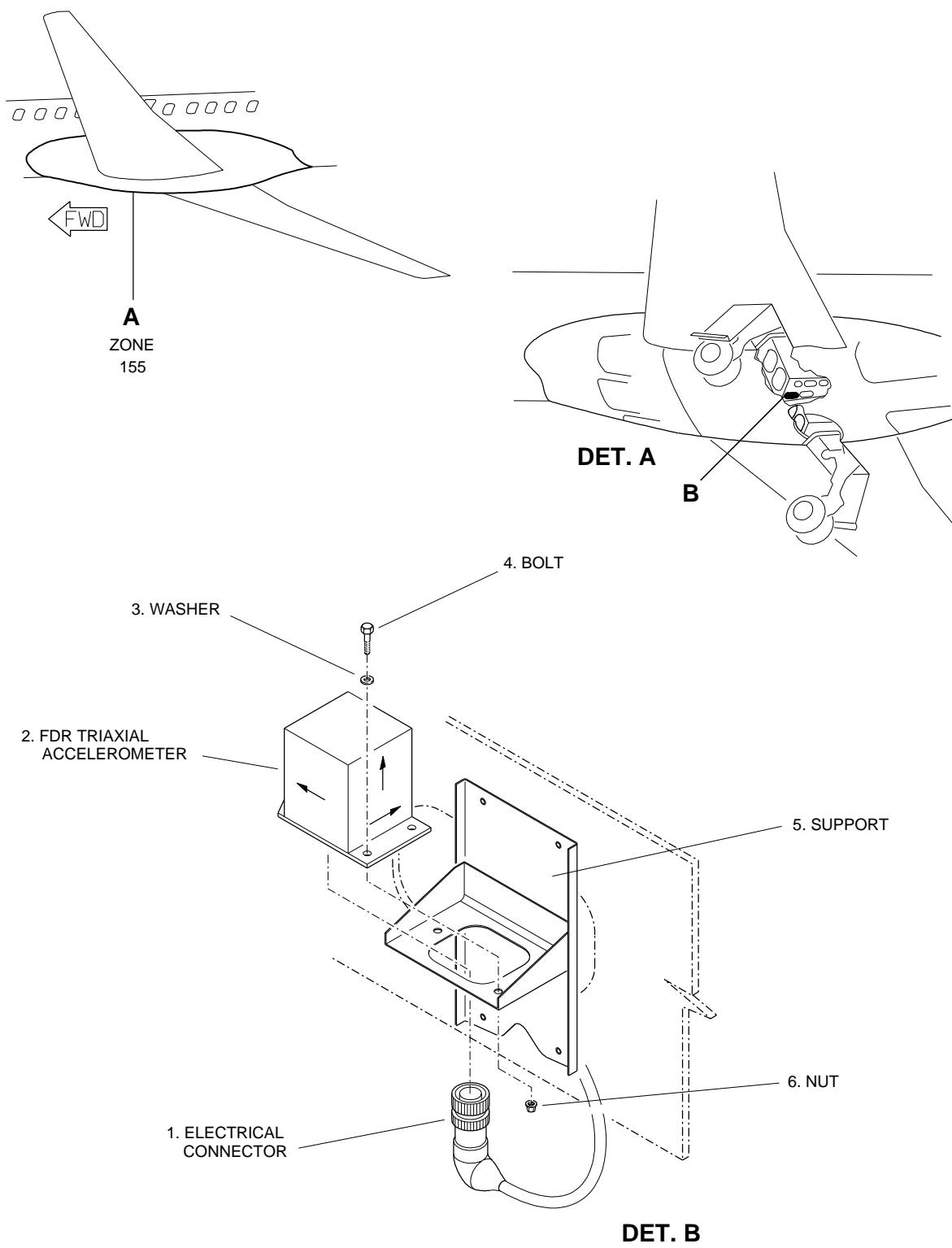
SUBTASK 020-002-A

- (1) Disconnect the electrical connector (1) from the triaxial accelerometer (2).
- (2) Loosen the bolts (4) and nuts (6) which attach the triaxial accelerometer (2) to the support (5).
- (3) Remove the triaxial accelerometer (2).

**EFFECTIVITY: ALL**

FDR Triaxial Accelerometer - Removal/Installation

Figure 401



**DET. B**

145AMM310077.MCE A



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 31-31-03-400-801-A

EFFECTIVITY: ALL

3. FDR TRIAXIAL ACCELEROMETER - INSTALLATION

A. General

- (1) This task gives the procedures to install the FDR triaxial accelerometer.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 31-31-00-700-801-A/500	FLIGHT DATA RECORDER - FUNCTIONAL TEST
AMM TASK 31-31-00-700-804-A/500	FLIGHT DATA RECORDER - FUNCTIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
155	155MZ	Left main landing gear wheelwell

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	Wing stub

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the triaxial accelerometer (2) in its installation position.
- (2) Install and tighten the bolts (4) and nuts (6) which attach the triaxial accelerometer (2) to the support (5).
- (3) Connect the electrical connector (1) to the triaxial accelerometer (2).



AIRCRAFT  
MAINTENANCE MANUAL

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, remove the DO-NOT-CLOSE tag from the FDR circuit breaker and close it.
- (2) Do the flight data recorder functional test (FDR triaxial accelerometer parameters only) ([AMM TASK 31-31-00-700-801-A/500](#)) or ([AMM TASK 31-31-00-700-804-A/500](#)), as applicable.
- (3) Install access panel 155MZ (AMM MPP 06-41-01/100).

