



AIRCRAFT MAINTENANCE MANUAL

FLIGHT DATA RECORDER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the flight data recorder (FDR).
- 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
31-31-01-000-801-A	FLIGHT DATA RECORDER - REMOVAL	ALL
31-31-01-400-801-A	FLIGHT DATA RECORDER - INSTALLA- TION	ALL



EMB145 - EMB135

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TASK 31-31-01-000-801-A

EFFECTIVITY: ALL

2. FLIGHT DATA RECORDER - REMOVAL

A. General

- (1) This task gives the procedures to remove the flight data recorder (FDR).

B. References

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I - Right side

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 036	Platform, Hydraulic, Aircraft	To get access to the rear electronic compartment	

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	Rear electronic compartment

I. Preparation

SUBTASK 841-002-A

- (1) Put up the hydraulic platform (GSE 036) at the necessary height.
- (2) Open the access door 272DR (AMM MPP 06-41-01/100).

J. Removal

SUBTASK 020-002-A

- (1) For aircraft equipped with Honeywell FDR refer to [Figure 401](#).
- (2) For aircraft equipped with L3 FDR refer to [Figure 402](#).



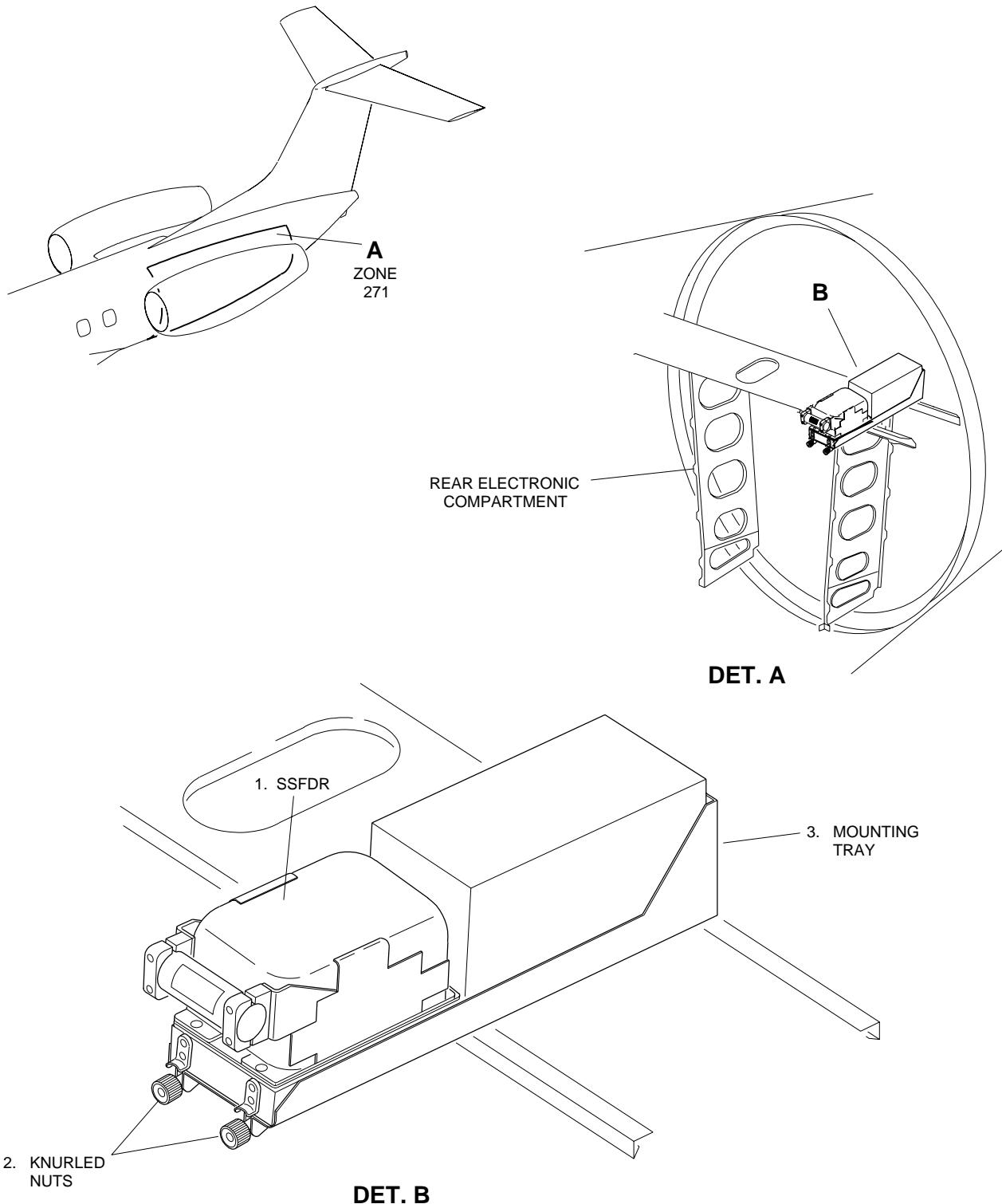
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- (3) On the circuit breaker panel, open the FDR circuit breaker and attach a DO-NOT-CLOSE tag to it.
- (4) Loosen the two knurled nuts (2) that attach the FDR (1) to the mounting rack (3).
- (5) Pull the FDR (1) forward to release it from the mounting rack (3).
- (6) Remove the FDR (1) from the mounting rack (3).

EFFECTIVITY: ON ACFT WITH HONEYWELL FDR

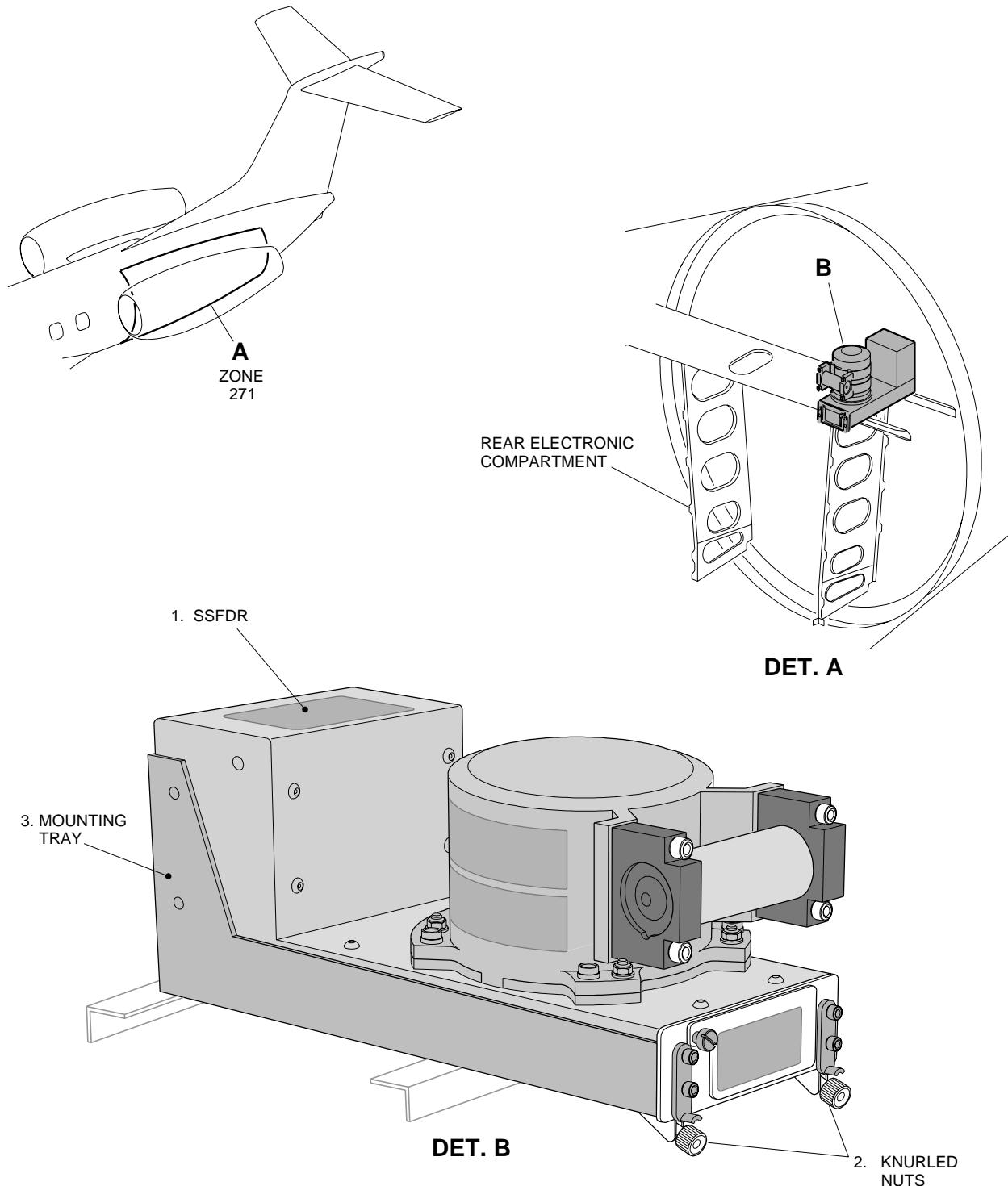
Solid State Flight Data Recorder (SSFDR) - Removal/Installation

Figure 401



145AMM310003.MCE A

EFFECTIVITY: ON ACFT WITH L3 FDR
Solid State Flight Data Recorder (SSFDR) - Removal/Installation
Figure 402



EM145AMM310523A.DGN



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TASK 31-31-01-400-801-A

EFFECTIVITY: ALL

3. FLIGHT DATA RECORDER - INSTALLATION

A. General

- (1) This task gives the procedures to install the flight data recorder (FDR).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 31-31-00-700-802-A/500	FLIGHT DATA RECORDER - OPERATIONAL TEST

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272DR	Fuselage rear section I - Right side

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
GSE 036	Platform, Hydraulic, Aircraft	To get access to the rear electronic compartment	

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	Rear electronic compartment

I. Installation

SUBTASK 420-002-A

- (1) For aircraft equipped with Honeywell FDR refer to Figure 401.
- (2) For aircraft equipped with L3 FDR refer to Figure 402.
- (3) Put the FDR (1) on the mounting rack (3).
- (4) Carefully push the FDR (1) to the rear of the mounting rack (3).



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- (5) Make sure that the connector of the mounting rack (3) and the connector of the FDR (1) connect correctly to each other.

- (6) Tighten the two knurled nuts (2) to attach the FDR (1) to the mounting rack (3).

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 FDR system operational test ([AMM TASK 31-31-00-700-802-A/500](#)).
- (3) Close the access door 272DR (AMM MPP 06-41-01/100).
- (4) Remove the hydraulic platform (GSE 036).

