FDR UNDERWATER LOCATOR BEACON - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1.   General

   A.   This section gives the procedures to remove and install the underwater locator beacon (ULB) attached to the solid state flight data recorder (SSFDR).

   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
31-31-02-000-801-A	FDR UNDERWATER LOCATOR BEACON - REMOVAL	ALL
31-31-02-400-801-A	FDR UNDERWATER LOCATOR BEACON - INSTALLATION	ALL

TASK 31-31-02-000-801-A
EFFECTIVITY: ALL

2. FDR UNDERWATER LOCATOR BEACON - REMOVAL

    A. General

        (1) This task gives the procedures to remove the ULB attached to the SSFDR.

    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

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Wrench Allen, 9/64 in	To tighten the screws that attach the ULB to the SSFDR	1

    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.
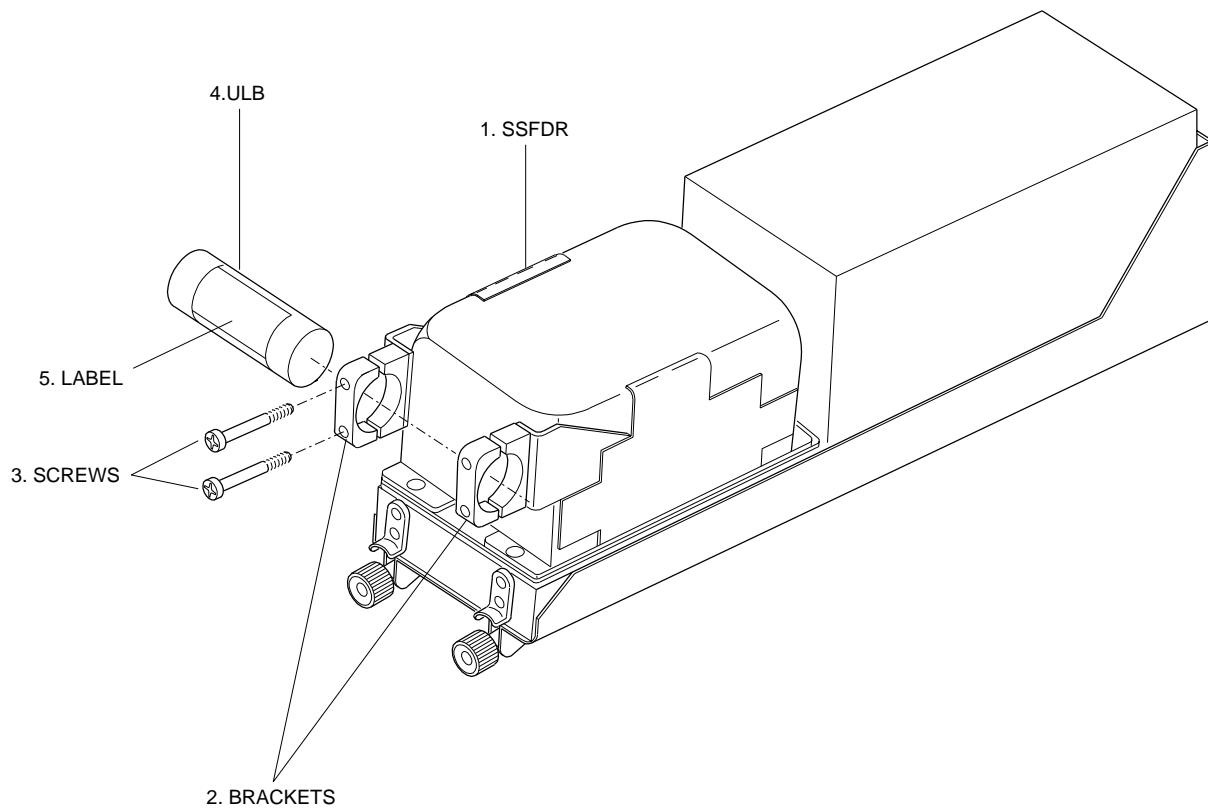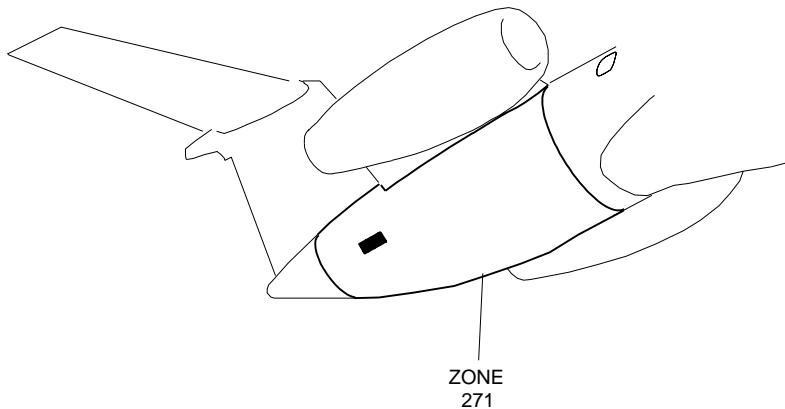
J.   Removal

SUBTASK 020-002-A
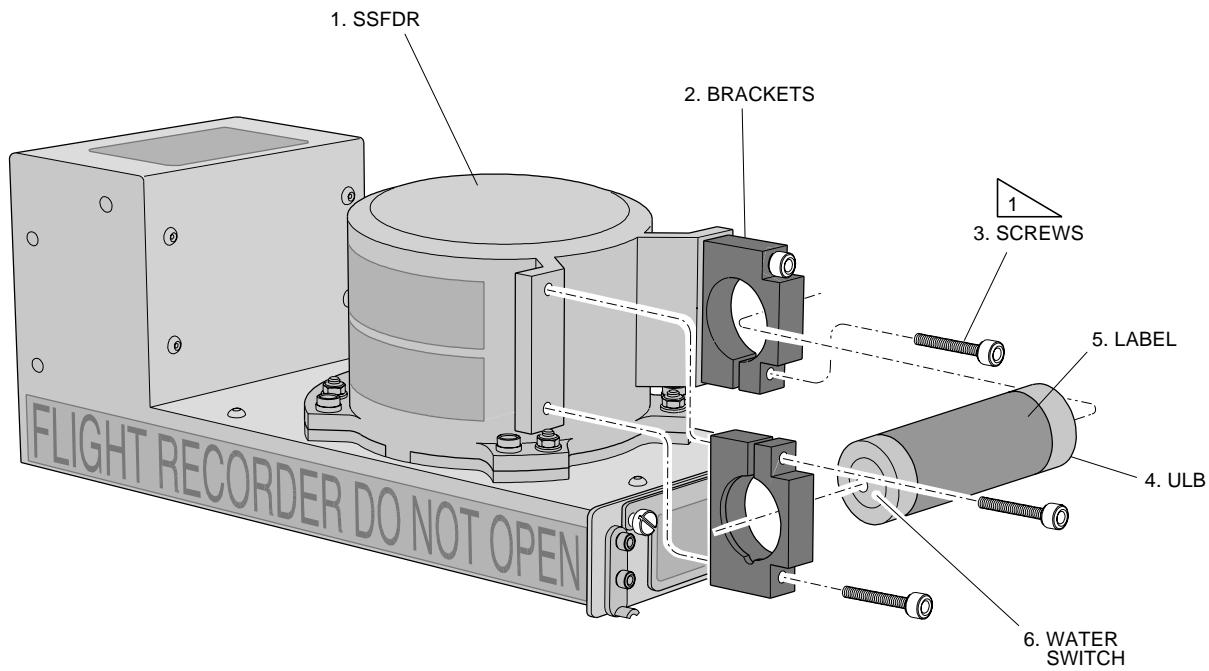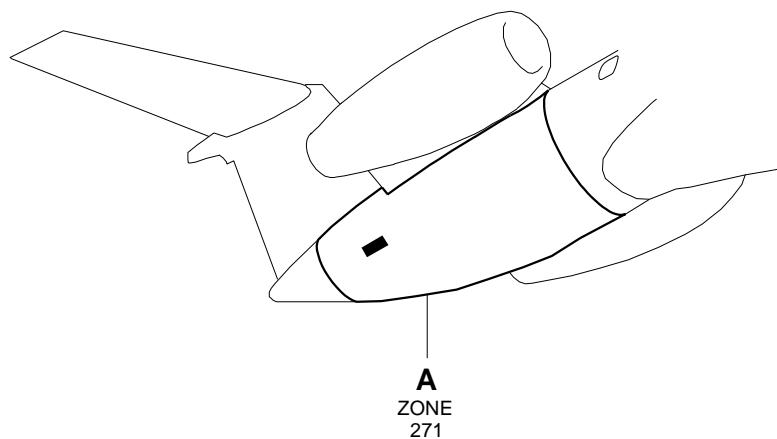
(1)   For aircraft equipped with Honeywell FDR refer to Figure 401.

(2)   For aircraft equipped with L3 FDR refer to Figure 402.

(3)   On the SSFDR (1), loosen the four screws (3).

(4)   Remove the ULB (4) from the two brackets (2).

EFFECTIVITY: ON ACFT WITH HONEYWELL FDR
FDR Underwater Locator Beacon - Removal/Installation
Figure 401

145AMM310001.MCE C

EFFECTIVITY: ON ACFT WITH L3 FDR
FDR Underwater Locator Beacon - Removal/Installation
Figure 402

A
ZONE
271

1. SSFDR

2. BRACKETS

3. SCREWS

5. LABEL

4. ULB

6. WATER
SWITCH

DET. A

1 ADHESIVE SEALANT LOCTITE 221.

EM145AMM310522B.DGN

TASK 31-31-02-400-801-A
EFFECTIVITY: ALL

3. FDR UNDERWATER LOCATOR BEACON - INSTALLATION

   A. General

       (1) This task gives the procedures to install the ULB on the SSFDR.

   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

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Wrench Allen, 9/64 in	To tighten the screws that attach the ULB to the SSFDR	1

   F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
(FOR AIRCRAFT WITH L3 FDR) LOCTITE 221 (MEP 09-005)	Adhesive Sealant, Anaerobic-Locking use, Type I	AR

   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.

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    (2)   For aircraft equipped with L3 FDR refer to Figure 402.

    (3)   Put the new ULB (4) in the two brackets (2).

         NOTE: (Aircraft with L3 FDR) The ULB (4) must be installed with the water switch (6) to the left side when you look at the SSFDR (1) from the ULB (4) side.

    (4)   Turn the ULB (4) until you can read the battery replacement label (5) easily.

    (5)   (Aircraft with L3 FDR) Apply adhesive sealant LOCTITE 221 to the screws (3).

    (6)   Tighten the four screws (3).

J.   Follow-on

SUBTASK 842-002-A

    (1)   Close the access door 272DR AMM MPP 06-41-01/100.

    (2)   Remove the hydraulic platform (GSE 036).