

HORIZONTAL-STABILIZER ANTI-ICING DRAINS - REMOVAL/INSTALLATION

EFFECTIVITY: AIRCRAFT WITH THE AFFECTED DRAINS

1. General

- A. This section gives the procedures to remove and install the drains of the Horizontal-Stabilizer Thermal Anti-Icing System.
- B. These procedures are applicable to the three drains of the Horizontal-Stabilizer Thermal Anti-Icing System.
- C. The drains are installed on the ducts of the Horizontal-Stabilizer Thermal Anti-Icing System, as follows:
 - Two drains in the duct at the dorsal fin;
 - One drain in the duct at the vertical stabilizer.
- D. 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
30-12-08-000-801-A	DRAIN - REMOVAL	AIRCRAFT WITH THE AFFECTED DRAINS
30-12-08-400-801-A	DRAIN - INSTALLATION	AIRCRAFT WITH THE AFFECTED DRAINS

TASK 30-12-08-000-801-A

EFFECTIVITY: AIRCRAFT WITH THE AFFECTED DRAINS

2. DRAIN - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the drain of the Horizontal-Stabilizer Thermal Anti-Icing System.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
322	322AL	LH side of the dorsal fin
325	325EL	LH side of the vertical stabilizer

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Ladder	To get access to the drain	1

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Dorsal fin or vertical stabilizer

I. Preparation

SUBTASK 841-002-A

- (1) On the overhead Circuit Breaker Panel, open the circuit breaker below and attach a DO-NOT-CLOSE tag to it.
 - STAB (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/STAB).
- (2) Remove access panel 322AL or 325EL (AMM MPP 06-42-00/100).

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

SUBTASK 020-002-A

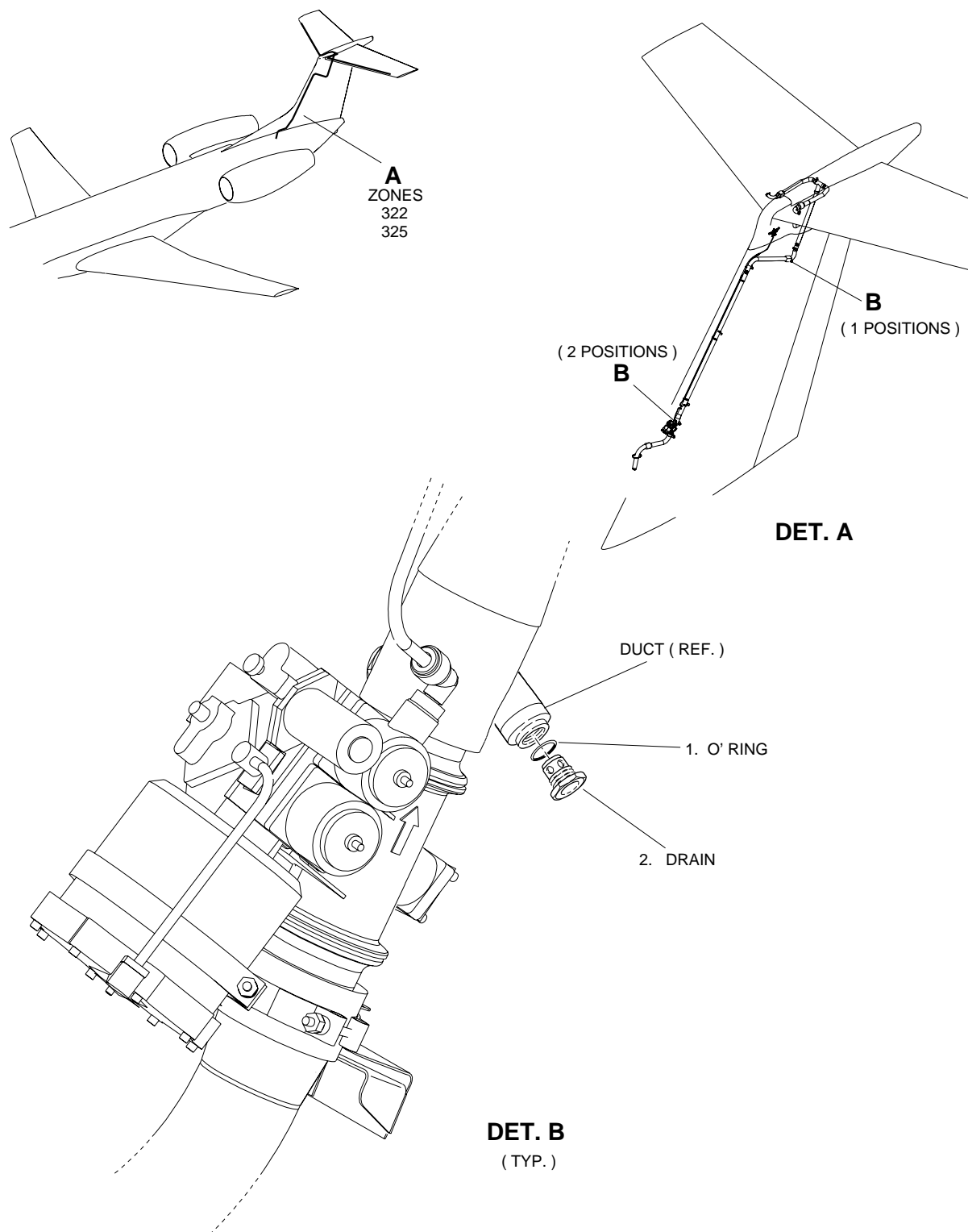
WARNING: DO NOT TOUCH THE DUCTS OR COMPONENTS OF THE ANTI-ICING SYSTEM IMMEDIATELY AFTER THE SYSTEM IS TURNED OFF, BECAUSE THE HIGH AIR TEMPERATURE CAN CAUSE INJURY TO YOU.

- (1) Remove the drain (2) and O-ring (1) from the duct.
- (2) Discard the old O-ring (1).

EFFECTIVITY: AIRCRAFT WITH THE AFFECTED DRAINS

Drain - Removal/Installation

Figure 401



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TASK 30-12-08-400-801-A

EFFECTIVITY: AIRCRAFT WITH THE AFFECTED DRAINS

3. DRAIN - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the drain of the Horizontal-Stabilizer Thermal Anti-Icing System.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-42-00/100	-
IPC 30-12-00	HORIZONTAL-STABILIZER THERMAL ANTI-ICING SYSTEM

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
322	322AL	LH side of the dorsal fin
325	325EL	LH side of the vertical stabilizer

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
M83248/1-908	O-ring	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 30-12-00	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Dorsal fin or vertical stabilizer

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the drain (2) and a new O-ring (1) to the duct.

J. Follow-on

SUBTASK 842-002-A

- (1) On the overhead Circuit Breaker Panel, close the circuit breaker below and remove the DO-NOT-CLOSE tag from it.
 - STAB (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/STAB).
- (2) Examine the drain connection for leaks.
- (3) Install access panels 322AL or 325EL (AMM MPP 06-42-00/100).