



## AIRCRAFT MAINTENANCE MANUAL

### WING ANTI-ICING SYSTEM MONITORING TUBE DRAINS - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove and install the wing anti-icing system monitoring tube drains.
- 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
30-11-10-000-801-A	WING ANTI-ICING SYSTEM MONITORING ALL TUBE DRAINS - REMOVAL	
30-11-10-400-801-A	WING ANTI-ICING SYSTEM MONITORING ALL TUBE DRAINS - INSTALLATION	



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TASK 30-11-10-000-801-A

EFFECTIVITY: ALL

2. WING ANTI-ICING SYSTEM MONITORING TUBE DRAINS - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the wing anti-icing system monitoring tube drains.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
S.B.145-30-0022	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL/192BR	Center lower fairing

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	Center lower fairing

I. Preparation

SUBTASK 841-002-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) On the overhead Circuit Breaker Panel, open the circuit breaker below and attach a DO-NOT-CLOSE tag to it.
- WING: (Location tip: DC BUS 1/ICE AND RAIN PROTECTION/WING).
  - (POST-MOD. S.B.145-30-0022)  
WING A/I IND 1 (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/WING A/I IND 1).



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- (2) Open access panels 192AL and 192BR (AMM MPP 06-41-01/100) to get access to the wing anti-icing system monitoring tube drains.

J. Removal ([Figure 401](#)) ([Figure 402](#))

SUBTASK 020-002-A

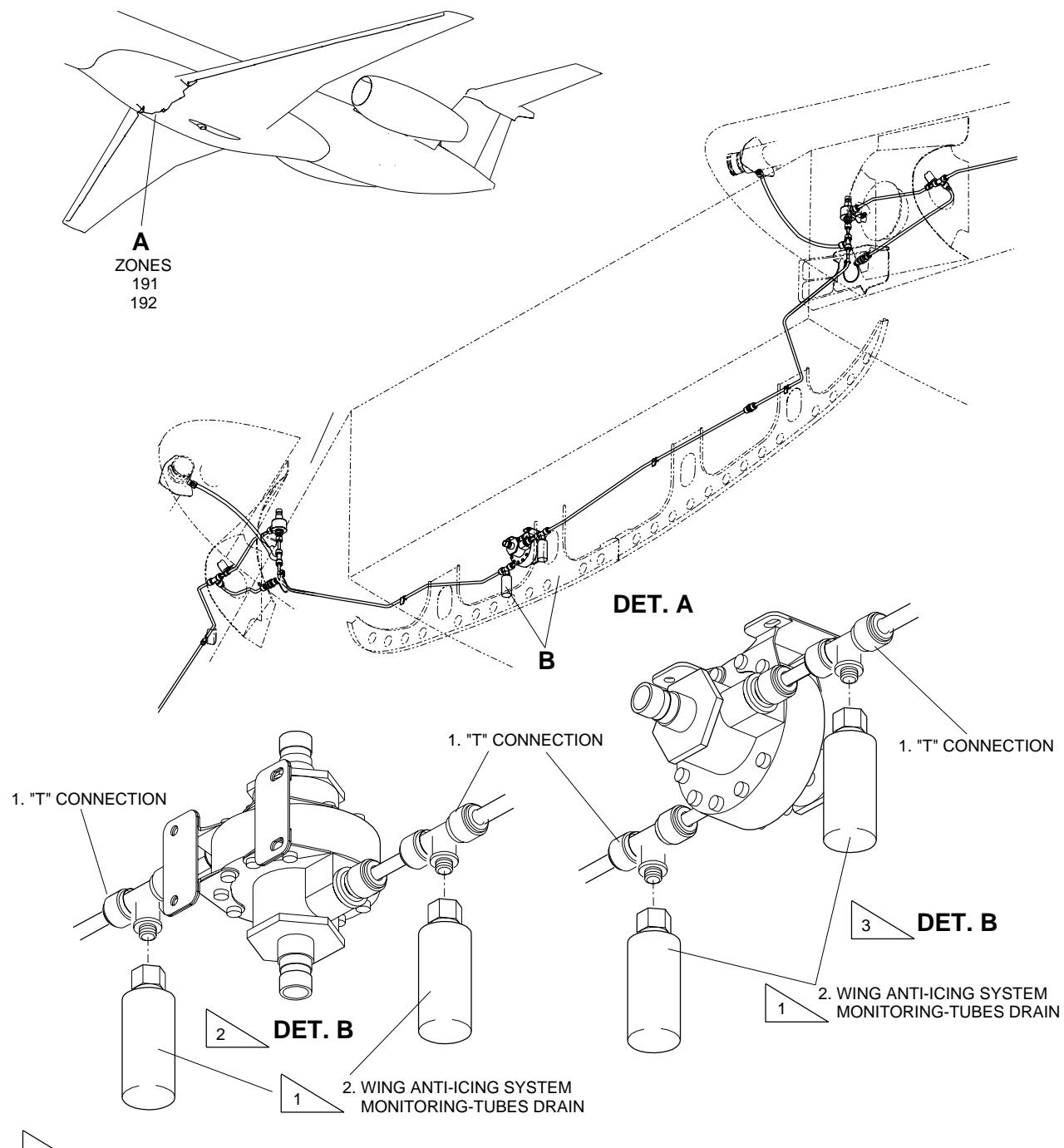
**WARNING: DO NOT TOUCH THE DUCTS OR COMPONENTS OF THE ANTI-ICING SYSTEM IMMEDIATELY AFTER THE SYSTEM IS TURNED OFF, BECAUSE THE HIGH AIR TEMPERATURE CAN CAUSE INJURY TO YOU.**

- (1) Disconnect the wing anti-icing system monitoring tube drains (2) from the "T" connection (1).

**EFFECTIVITY: PRE-MOD. S.B. 145-30-0022**

Wing Anti-icing System Monitoring Tube Drains - Removal/Installation

Figure 401



1 TORQUE: 5.6 N.m TO 7.3 N.m ( 50 lb.in TO 65 lb.in )

2 ON AIRCRAFT S/N 004-043

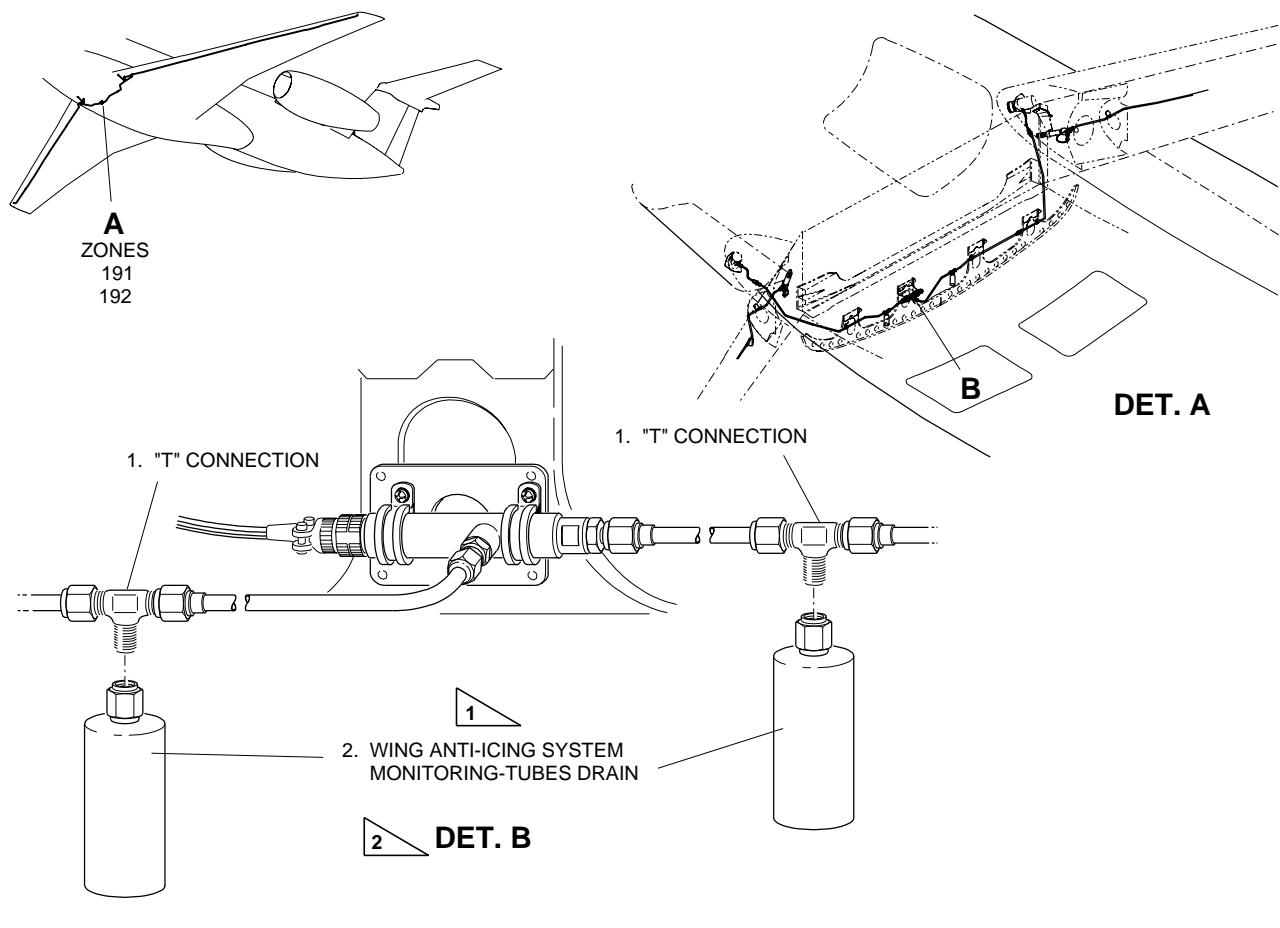
3 ON AIRCRAFT S/N 044 AND ON

145AMM300077.MCE D

**EFFECTIVITY: POST-MOD. S.B. 145-30-0022**

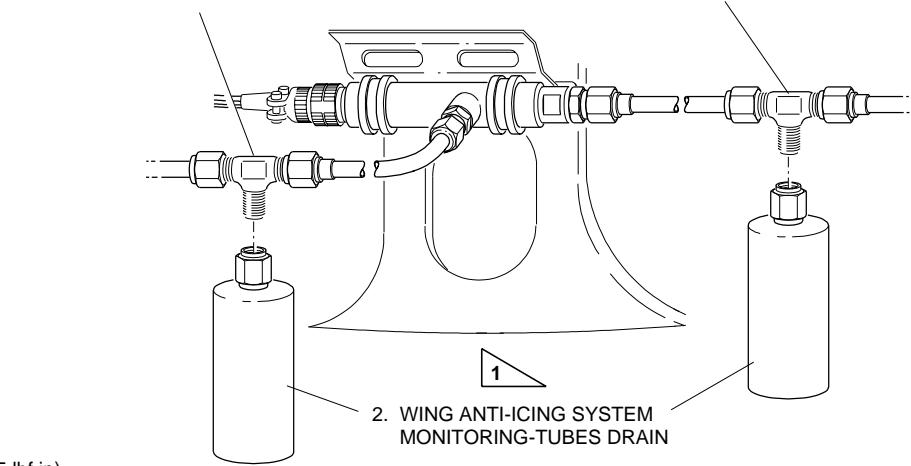
Wing Anti-icing System Monitoring Tube Drains - Removal/Installation

Figure 402



1. "T" CONNECTION

1. "T" CONNECTION



**1** TORQUE: 5.6-7.3 N.m (50-65 lbf.in)

**2** ON AIRCRAFT 003-043

**3** ON AIRCRAFT 044 AND ON

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TASK 30-11-10-400-801-A

EFFECTIVITY: ALL

3. WING ANTI-ICING SYSTEM MONITORING TUBE DRAINS - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the wing anti-icing system monitoring tube drains.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 28-41-00-200-801-A/600	-
S.B.145-30-0022	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL/192BR	Center lower fairing

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To tighten the attachment nuts	

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	Center lower fairing

I. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) Connect and torque the wing anti-icing system monitoring tube drains (2) on the "T" connections (1).



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J. Follow-on

SUBTASK 842-002-A

- (1) Do an inspection on the fuel quantity indication harness (AMM TASK 28-41-00-200-801-A/600).

**NOTE:** The inspection of fuel quantity indication harness is a part of Critical Design Configuration Control Limitations (CDCCL) in the Airworthiness Limitations (Section 6) of the Maintenance Review Board Report (MRB).

- (2) Close access panels 192AL and 192BR (AMM MPP 06-41-01/100).
- (3) On the overhead Circuit Breaker Panel, close the circuit breaker below and remove the DO-NOT-CLOSE tag from it.
  - WING: (Location tip: DC BUS 1/ICE AND RAIN PROTECTION/WING).
  - (POST-MOD. [S.B.145-30-0022](#))  
WING A/I IND 1 (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/WING A/I IND 1).

