



AIRCRAFT MAINTENANCE MANUAL

WING ANTI-ICING ASYMMETRY PRESSURE TRANSDUCER - REMOVAL/INSTALLATION

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

1. General

- A. This section gives the procedures to remove and install the asymmetry pressure transducer of the Wing Thermal Anti-Icing System.
- 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
30-11-13-000-801-A	ASYMMETRY PRESSURE TRANSDUCER - REMOVAL	POST-MOD. S.B. 145-30-0022
30-11-13-400-801-A	ASYMMETRY PRESSURE TRANSDUCER - INSTALLATION	POST-MOD. S.B. 145-30-0022



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TASK 30-11-13-000-801-A

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

2. ASYMMETRY PRESSURE TRANSDUCER - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the asymmetry pressure transducer of the Wing Thermal Anti-Icing System.

B. References

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

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	LH side of the center lower fairing
192	192BR	RH side of the 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	LH or RH side of the center lower fairing

I. Preparation

SUBTASK 841-002-A

- (1) On the overhead Circuit Breaker Panel, open these circuit breakers and attach a DO-NOT-CLOSE tag to them.
- WING: (Location Tip: DC BUS 1/ICE AND RAIN PROTECTION/WING).
 - WING A/I IND 1: (Location Tip: DC BUS 2/ICE AND RAIN PROTECTION/WING A/I IND 1).
- (2) Remove access panel 192AL or 192BR (AMM MPP 06-41-01/100).



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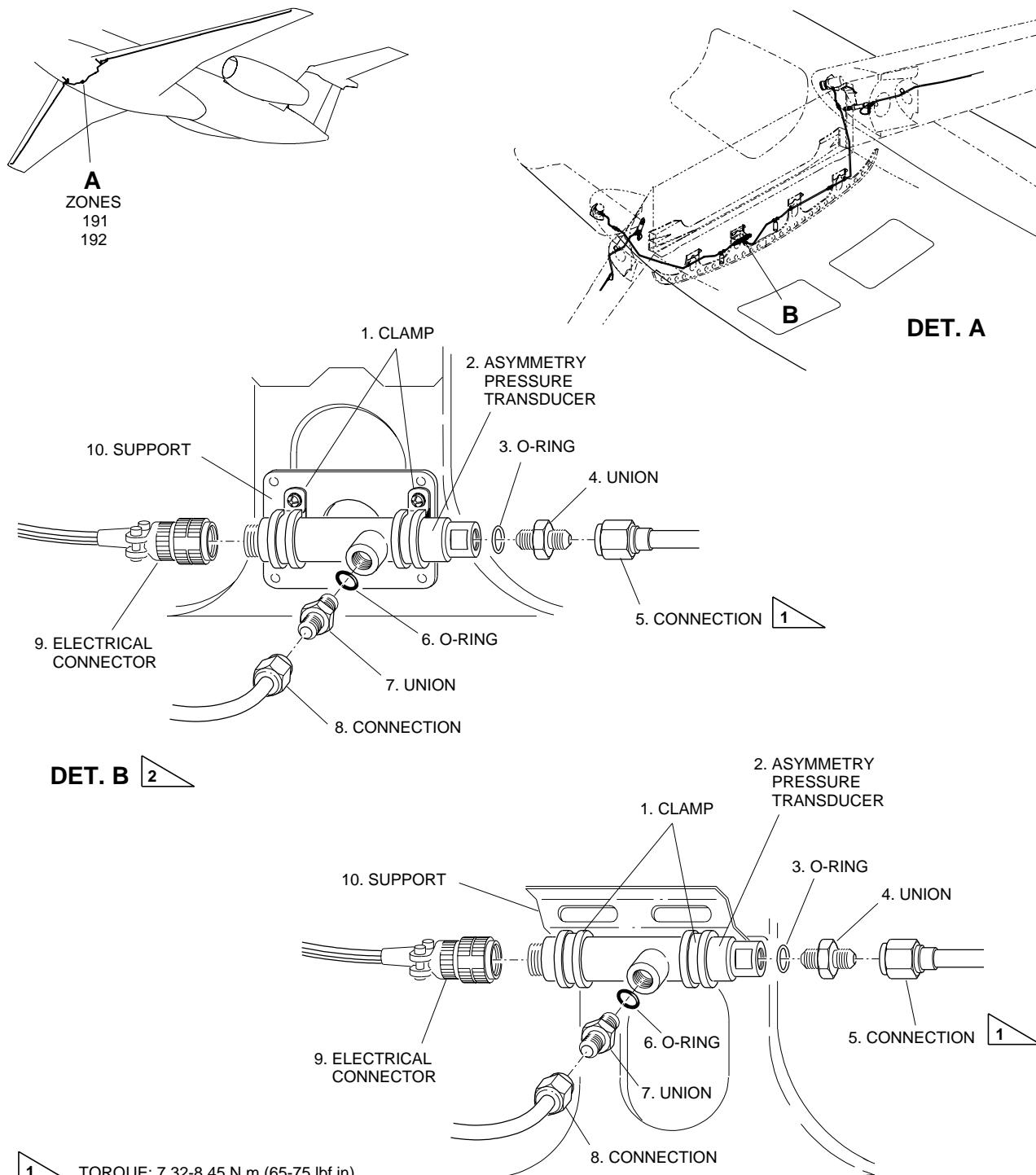
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J. Removal ([Figure 401](#))

SUBTASK 020-002-A

- (1) Disconnect the electrical connector (9).
- (2) Disconnect the connections (5) and (8).
- (3) Loosen the clamps (1) from the support (10).
- (4) Remove the asymmetry pressure transducer (2).
- (5) Remove and keep the unions (4) and (7).
- (6) Remove and discard the old O-rings (3) and (6).

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Asymmetry Pressure Transducer - Removal/Installation
Figure 401



1 TORQUE: 7.32-8.45 N.m (65-75 lbf.in)

2 ON AIRCRAFT 003-043

3 ON AIRCRAFT 044 AND ON

145AMM300128.MCE B



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TASK 30-11-13-400-801-A

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

3. ASYMMETRY PRESSURE TRANSDUCER - INSTALLATION

A. General

- (1) This procedure gives the instructions to install the asymmetry pressure transducer of the Wing Thermal Anti-Icing System.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM TASK 28-41-00-200-801-A/600	-
IPC 30-11-00	WING THERMAL ANTI-ICING SYSTEM

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
192	192AL	LH side of the center lower fairing
192	192BR	RH side of the center lower fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
O-ring	IPC 30-11-00	2

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	LH or RH side of the center lower fairing

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Install the new O-rings (3) and (6), and the unions (4) and (7) to the asymmetry pressure transducer (2).
- (2) Put the asymmetry pressure transducer (2) in its installation position.



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- (3) Tighten the clamps (1) to attach the asymmetry pressure transducer (2) to the support (10).
- (4) Connect the connections (5) and (8). Tighten them to the specified torque and do not cause damage to the threads of the connections (5) and (8), and of the asymmetry pressure transducer (2).
- (5) Connect the electrical connector (9).

J. Follow-on

SUBTASK 842-002-A

- (1) On the overhead Circuit Breaker Panel, close these circuit breakers and remove the DO-NOT-CLOSE tag from them.
 - WING: (Location Tip: DC BUS 1/ICE AND RAIN PROTECTION/WING).
 - WING A/I IND 1: (Location Tip: DC BUS 2/ICE AND RAIN PROTECTION/WING A/I IND 1).
- (2) Examine the tube connections for leaks.
- (3) 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).
- (4) Install access panel 192AL or 192BR (AMM MPP 06-41-01/100).