



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

PITOT/STATIC&PRESSURIZATION STATIC PORT HEATING - ADJUSTMENT/TEST

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to do the operational check of the heating system of the pitot, anemometric static port and pressurization static port.
- 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
30-31-00-700-801-A ♦	PITOT AND ANEMOMETRIC STATIC PORT HEATING - OPERATIONAL CHECK	ALL
30-31-00-700-802-A ♦	PRESSURIZATION STATIC PORT HEAT- ING - OPERATIONAL CHECK	ALL
30-31-00-700-803-A	PITOT AND ANEMOMETRIC STATIC PORT HEATING - OPERATIONAL TEST	ALL



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TASK 30-31-00-700-801-A

EFFECTIVITY: ALL

2. PITOT AND ANEMOMETRIC STATIC PORT HEATING - OPERATIONAL CHECK

A. General

- (1) The function of this check is to make sure that the pitot and anemometric static port heating system operates correctly.

B. References

REFERENCE	DESIGNATION
AMM SDS 24-60-00/1	
AMM SDS 27-36-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123		LH front fuselage
124		RH front fuselage
213		LH front fuselage
214		RH front fuselage
224		RH front fuselage

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	Cockpit
1	Does the task	Front fuselage

I. Preparation

SUBTASK 841-002-A

- (1) On the Overhead Circuit Breaker panel, on the cockpit ceiling, make sure that the SENSORS HTG circuit breaker is closed.

- SENSORS HTG (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/SENSORS HTG).

(2) Energize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Operational Check of Pitot & Anemometric Static Port Heating

SUBTASK 710-002-A

WARNING: • ISOLATE THE TEST AREA AND IDENTIFY IT TO PREVENT INJURY TO THE MAINTENANCE PERSONS.

- DO NOT TOUCH THE ITEMS BELOW IMMEDIATELY AFTER THE AIRCRAFT LANDING OR DURING THE TEST, BECAUSE THE HIGH TEMPERATURE CAN CAUSE INJURY TO YOU:
 - PITOT SENSORS.
 - PITOT/STATIC SENSOR.
 - ANEMOMETRIC STATIC PORTS.
 - TAT SENSORS.
 - PRESSURIZATION STATIC PORTS.
 - AOA SENSORS.

CAUTION: DO NOT STOP THIS TASK BEFORE IT IS COMPLETED, BECAUSE THIS CAN DECREASE THE SERVICE LIFE OF THESE COMPONENTS.

- (1) Do a check of the pitot and anemometric static port heating as follows ([Figure 501](#)):
- (a) On the overhead panel, set the BATT 1 switch to OFF and make sure that the BATT 2 switch is set to OFF.
 - (b) Set the SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3, and PITOT 2 - TAT 2/AOA 2) pushbuttons, on the overhead panel, to ON.
 - (c) On the overhead circuit breaker panel, open the N2 SIGNAL 2A circuit breaker.
 - N2 SIGNAL 2A (Location Tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).

Result:

- 1 The EICAS display shows the PITOT 1-2-3 INOP caution messages.
 - 2 The master CAUTION lights flash.
 - 3 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become hot.
- (d) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

- (e) Close the N2 SIGNAL 2A circuit breaker.
 - N2 SIGNAL 2A (Location Tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages go out of view.

- 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become cool.
- (f) Open the N2 SIGNAL 1B circuit breaker on the overhead circuit breaker panel.
 - N2 SIGNAL 1B (Location Tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).

Result:

- 1 The EICAS display shows the PITOT 1-2-3 INOP caution messages.
- 2 The master CAUTION lights flash.
- 3 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become hot.

- (g) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

- (h) Close the N2 SIGNAL 1B circuit breaker.

- N2 SIGNAL 1B (Location Tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages go out of view.
- 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become cool.

NOTE: Make sure that the AOA sensors are in the down position ([AMM SDS 27-36-00/1](#)).

- (i) On the overhead circuit breaker panel, open these circuit breakers:

- AIR/GND A (Location Tip: DC BUS 1/LDG GEAR/AIR/GND A).
- AIR/GND B (Location Tip: ESSENTIAL DC BUS 1/LDG GEAR/AIR/GND B).
- AIR/GND C (Location Tip: DC BUS 2/LDG GEAR/AIR/GND C).
- AIR/GND D (Location Tip: ESSENTIAL DC BUS 2/LDG GEAR/AIR/GND D).

Result:

- 1 Pitot/static sensor 3 becomes hot.

- (j) On the circuit breaker panel, close the AIR/GND A, B, C, and D circuit breakers in 10 seconds maximum.

Result:

- 1 Pitot/static sensor 3 becomes cool.

- (k) Set the EICAS switch, on the maintenance panel, to OVRD.

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages come into view.
- 2 The master CAUTION lights flash.

- (l) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

(m) On the circuit breaker panel, open the N2 SIGNAL 2A circuit breaker.

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages stay in view.

- 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become hot.

(n) Set the EICAS switch, on the maintenance panel, to NORM.

(o) On the LH electrical-power control/distribution box, open the HEATING/PITOT 1 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 The EICAS display shows the PITOT 2-3 INOP caution message.

- 2 Pitot sensor 1 and anemometric static ports 1 and 4 become cool.

(p) On the RH electrical-power control/distribution box, open the HEATING/PITOT 2 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 The EICAS display shows the PITOT 3 INOP caution message.

- 2 Pitot sensor 2 and anemometric static ports 2 and 3 become cool.

(q) On the RH electrical-power control/distribution box, open the PITOT HTG 3 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 On the EICAS display, the PITOT 3 INOP caution message goes out of view.

- 2 Pitot/static sensor 3 becomes cool.

(r) On the LH electrical-power control/distribution box, close the HEATING/PITOT 1 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 On the EICAS display, the PITOT 1 INOP caution message comes into view.

- 2 Pitot sensor 1 and anemometric static ports 1 and 4 become hot.

- 3 The master CAUTION lights flash.

(s) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

(t) On the RH electrical-power control/distribution box, close the HEATING/PITOT 2 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 On the EICAS display, the PITOT 1-2 INOP caution message comes into view.

- 2 Pitot sensor 2 and anemometric static ports 2 and 3 become hot.

- 3 The master CAUTION lights flash.

- (u) Push a master CAUTION light.
Result:
 - 1 The master CAUTION lights go off.
- (v) On the RH electrical-power control/distribution box, close the PITOT HTG 3 circuit breaker ([AMM SDS 24-60-00/1](#)).
Result:
 - 1 On the EICAS display, the PITOT 1-2-3 INOP caution message comes into view.
 - 2 Pitot sensor 3 becomes hot.
 - 3 The master CAUTION lights flash.
- (w) Push a master CAUTION light.
Result:
 - 1 The master CAUTION lights go off.
- (x) Close the N2 SIGNAL 2A circuit breaker.
Result:
 - 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages go out of view.
 - 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become cool.

K. Follow-on

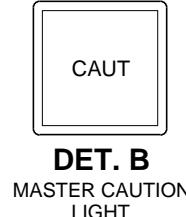
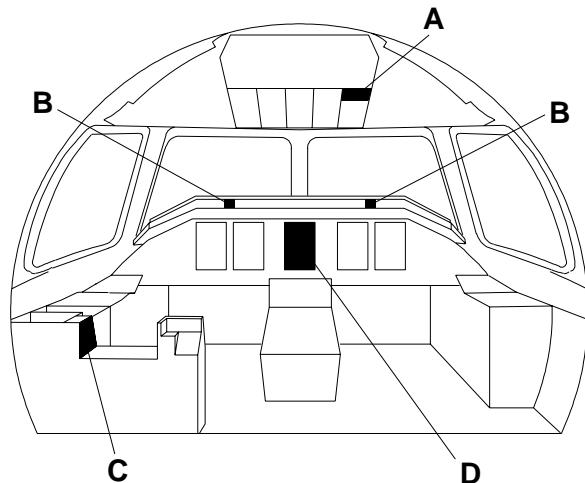
SUBTASK 842-002-A

- (1) Set the SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3, and PITOT 2 - TAT 2/AOA 2) pushbuttons, on the overhead panel, to OFF.
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

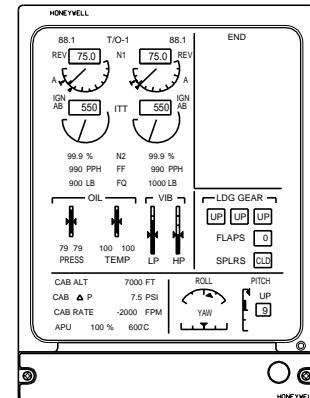
EFFECTIVITY: ALL

Pitot & Anemometric Static Port Heating - Operational Check

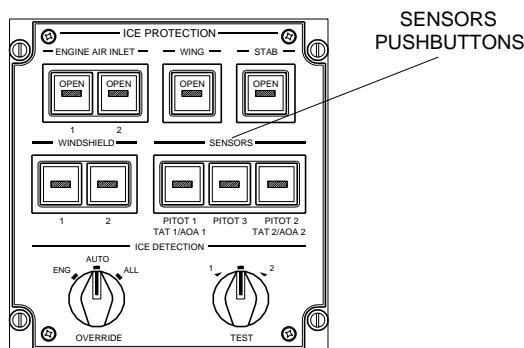
Figure 501



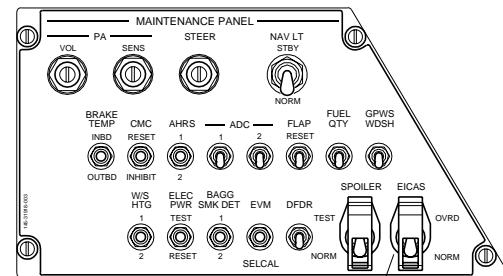
DET. B
MASTER CAUTION
LIGHT



DET. D
EICAS DISPLAY

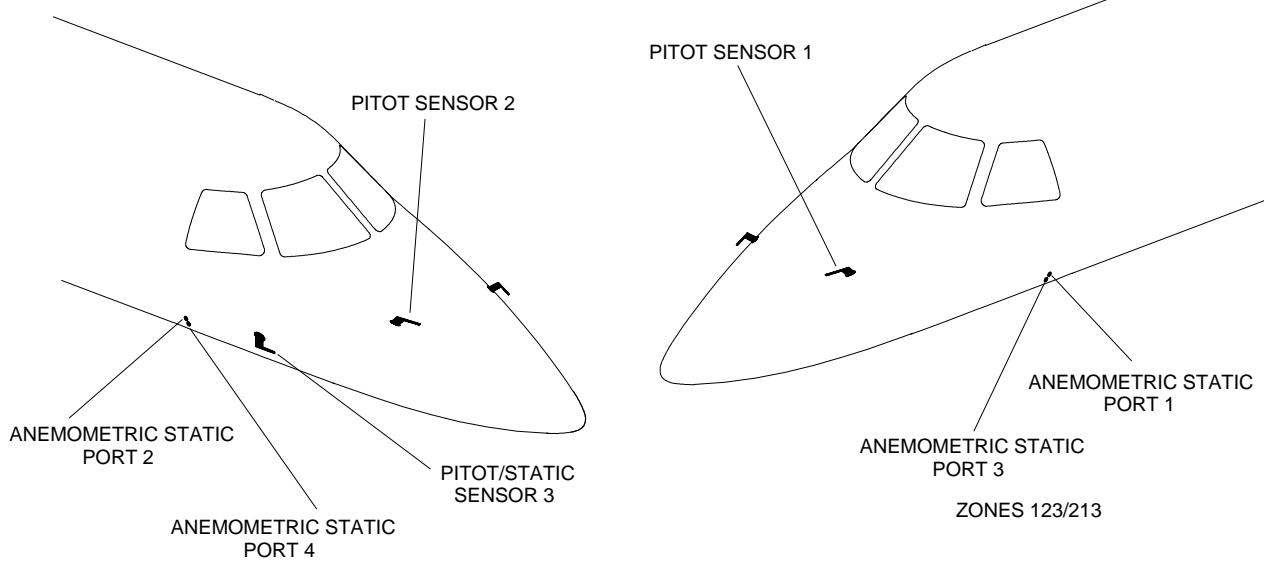


DET. A
ICE PROTECTION PANEL



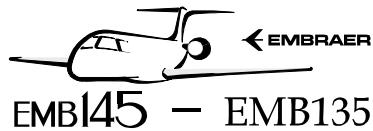
DET. C
MAINTENANCE PANEL

EICAS SWITCH



ZONES 124/214/224

145AMM300003.MCE A



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TASK 30-31-00-700-802-A

EFFECTIVITY: ALL

3. PRESSURIZATION STATIC PORT HEATING - OPERATIONAL CHECK

A. General

- (1) The function of this task is to make sure that the heating of the pressurization static ports operates correctly.

B. References

REFERENCE	DESIGNATION
AMM SDS 27-36-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
171		LH rear fuselage
172		RH rear fuselage

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	Cockpit
1	Does the task	Front and rear fuselage

I. Preparation

SUBTASK 841-003-A

- (1) Energize the aircraft with the External DC-Power Supply ([AMM TASK 20-40-01-860-801-A/200](#)).
- (2) On the overhead circuit breaker panel, on the cockpit ceiling, make sure that the SENSORS HTG circuit breaker is closed.
 - SENSORS HTG (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/SENSORS HTG).

J. Operational Check of Pressurization Static Port Heating (Figure 503)

SUBTASK 710-003-A

- (1) Do the check as follows:

- WARNING:** • ISOLATE THE TEST AREA AND IDENTIFY IT TO PREVENT INJURY TO THE MAINTENANCE PERSONS.
- DO NOT TOUCH THE ITEMS BELOW IMMEDIATELY AFTER THE AIRCRAFT LANDING OR DURING THE TEST, BECAUSE THE HIGH TEMPERATURE CAN CAUSE INJURY TO YOU:
 - PITOT SENSORS.
 - PITOT/STATIC SENSOR.
 - ANEMOMETRIC STATIC PORTS.
 - TAT SENSORS.
 - PRESSURIZATION STATIC PORTS.
 - AOA SENSORS.

CAUTION: DO NOT STOP THIS TASK BEFORE IT IS COMPLETED, BECAUSE THIS CAN DECREASE THE SERVICE LIFE OF THESE COMPONENTS.

- (a) On the overhead panel, set the BATT 1 switch to OFF and make sure that the BATT 2 switch is set to OFF.
- (b) Set the SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3, and PITOT 2 - TAT 2/AOA 2) pushbuttons, on the overhead panel, to ON.
- (c) Open the N2 SIGNAL 2A circuit breaker on the circuit breaker panel.
 - N2 SIGNAL 2A (Location Tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).

Result:

- 1 The pressurization static ports become hot.

- (d) Close the N2 SIGNAL 2A circuit breaker.
 - N2 SIGNAL 2A (Location Tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).

Result:

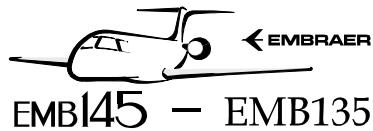
- 1 The pressurization static ports become cool.

- (e) Open the N2 SIGNAL 1B circuit breaker on the overhead circuit breaker panel.
 - N2 SIGNAL 1B (Location Tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).

Result:

- 1 The pressurization static ports become hot.

- (f) Close the N2 SIGNAL 1B circuit breaker.
 - N2 SIGNAL 1B (Location Tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).



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Result:

- 1 The pressurization static ports become cool.

NOTE: Make sure that the AOA sensors are in the down position ([AMM SDS 27-36-00/1](#)).

- (g) On the overhead circuit breaker panel, open the AIR/GND A, B, C, and D circuit breakers.

Result:

- 1 Pressurization static port 2 becomes hot.

- (h) On the overhead circuit breaker panel, close the AIR/GND A, B, C, and D circuit breakers in 10 seconds maximum.

Result:

- 1 Pressurization static port 2 becomes cool.

K. Follow-on

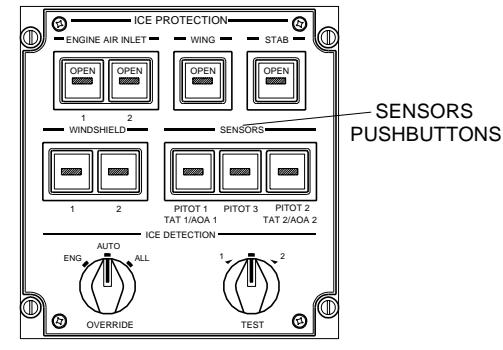
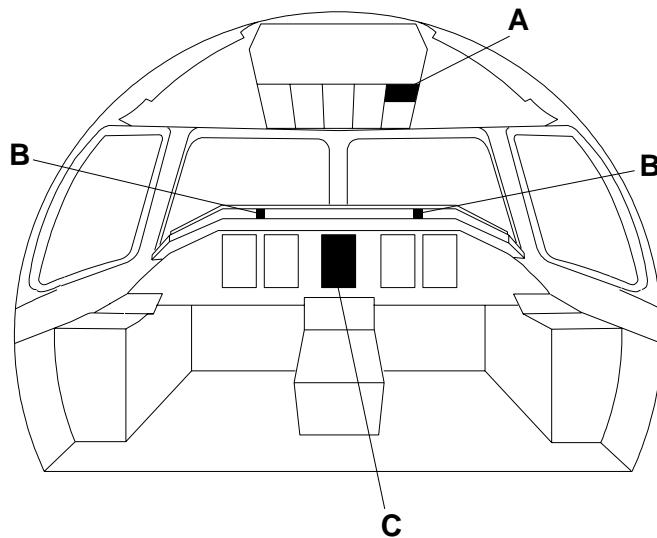
SUBTASK 842-003-A

- (1) Set the SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3, and PITOT 2 - TAT 2/AOA 2) pushbuttons, on the overhead panel, to OFF.
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

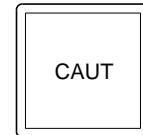
EFFECTIVITY: ALL

Pressurization Static Port Heating - Operational Check

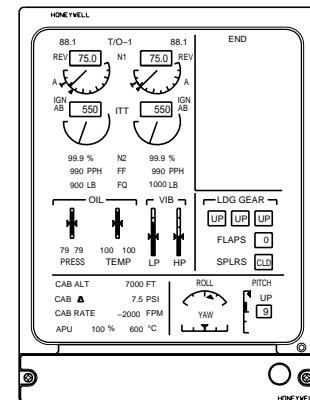
Figure 502



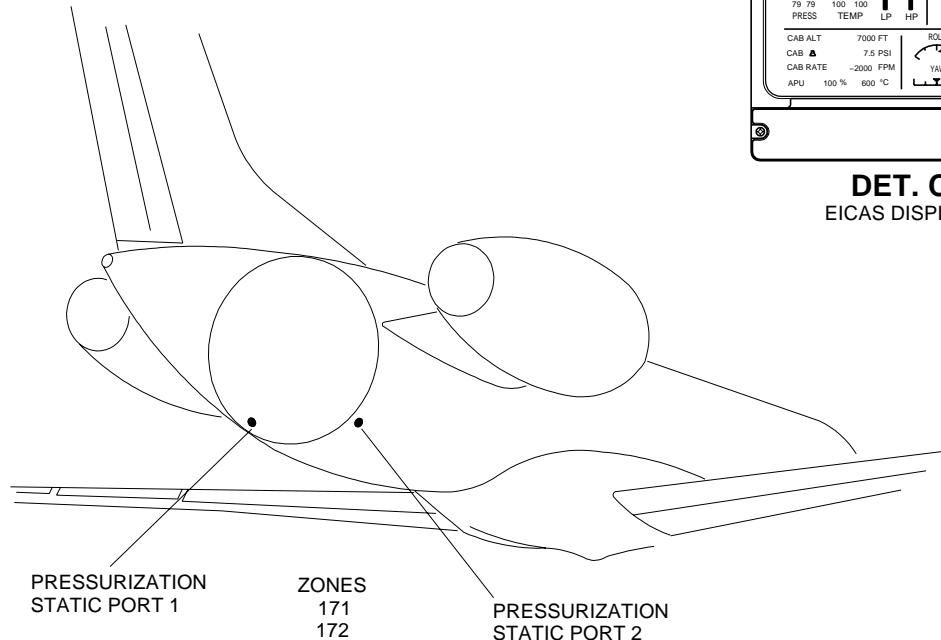
DET. A
ICE PROTECTION PANEL



DET. B
MASTER CAUTION
LIGHT



DET. C
EICAS DISPLAY



EM145AMM300400A.DGN



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TASK 30-31-00-700-803-A

EFFECTIVITY: ALL

4. PITOT AND ANEMOMETRIC STATIC PORT HEATING - OPERATIONAL TEST

A. General

- (1) The function of this test is to make sure that the pitot and anemometric static port heating system operates correctly.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM SDS 27-36-00/1	
AMM TASK 20-40-01-860-801-A/200	ENERGIZATION OF THE AIRCRAFT WITH AN EXTERNAL POWER SOURCE

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
123		LH front fuselage
124		RH front fuselage
213		LH front fuselage
214		RH front fuselage
223	223LZ	Cockpit
224		RH front fuselage

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	Cockpit
1	Does the task	Front fuselage

I. Preparation
SUBTASK 841-004-A

- (1) Open access door 223LZ ([AMM MPP 06-41-03/100](#)).
- (2) On the Overhead Circuit Breaker panel, on the cockpit ceiling, make sure that the SENSORS HTG circuit breaker is closed.
 - SENSORS HTG (Location tip: DC BUS 2/ICE AND RAIN PROTECTION/SENSORS HTG).
- (3) Energize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).

J. Operational Test of Pitot and Anemometric Static Port Heating
SUBTASK 710-004-A

- WARNING:** • ISOLATE THE TEST AREA AND IDENTIFY IT TO PREVENT INJURY TO THE MAINTENANCE PERSONS.
- DO NOT TOUCH THE ITEMS BELOW IMMEDIATELY AFTER THE AIRCRAFT LANDING OR DURING THE TEST, BECAUSE THE HIGH TEMPERATURE CAN CAUSE INJURY TO YOU:
 - PITOT SENSORS.
 - PITOT/STATIC SENSOR.
 - ANEMOMETRIC STATIC PORTS.
 - TAT SENSORS.
 - PRESSURIZATION STATIC PORTS.
 - AOA SENSORS.

CAUTION: DO NOT STOP THIS TASK BEFORE IT IS COMPLETED, BECAUSE THIS CAN DECREASE THE SERVICE LIFE OF THESE COMPONENTS.

- (1) Check Pitot and Anemometric Static Port Heating as follows ([Figure 503](#)):
 - (a) On the overhead panel, set the BATT 1 switch to OFF and make sure that the BATT 2 switch is set to OFF.
 - (b) Set the SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3, and PITOT 2 - TAT 2/AOA 2) pushbuttons, on the overhead panel, to ON.
 - (c) On the overhead circuit breaker panel, open the N2 SIGNAL 2A circuit breaker.
 - N2 SIGNAL 2A (Location Tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).

Result:

- 1 The EICAS display shows the PITOT 1-2-3 INOP caution messages.
- 2 The master CAUTION lights flash.
- 3 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become hot.

- (d) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

- (e) Close the N2 SIGNAL 2A circuit breaker.

- N2 SIGNAL 2A (Location Tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages go out of view.
- 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become cool.

(f) Open the N2 SIGNAL 1B circuit breaker on the overhead circuit breaker panel.

- N2 SIGNAL 1B (Location Tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).

Result:

- 1 The EICAS display shows the PITOT 1-2-3 INOP caution messages.
- 2 The master CAUTION lights flash.
- 3 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become hot.

(g) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

(h) Close the N2 SIGNAL 1B circuit breaker.

- N2 SIGNAL 1B (Location Tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages go out of view.
- 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become cool.

NOTE: Make sure that the AOA sensors are in the down position ([AMM SDS 27-36-00/1](#)).

(i) On the overhead circuit breaker panel, open these circuit breakers:

- AIR/GND A (Location Tip: DC BUS 1/LDG GEAR/AIR/GND A).
- AIR/GND B (Location Tip: ESSENTIAL DC BUS 1/LDG GEAR/AIR/GND B).
- AIR/GND C (Location Tip: DC BUS 2/LDG GEAR/AIR/GND C).
- AIR/GND D (Location Tip: ESSENTIAL DC BUS 2/LDG GEAR/AIR/GND D).

Result:

- 1 Pitot/static sensor 3 becomes hot.

(j) On the circuit breaker panel, close the AIR/GND A, B, C, and D circuit breakers in 10 seconds maximum.

Result:

- 1 Pitot/static sensor 3 becomes cool.

(k) Set the EICAS switch, on the maintenance panel, to OVRD.

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages come into view.

- 2 The master CAUTION lights flash.

- (l) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

- (m) On the circuit breaker panel, open the N2 SIGNAL 2A circuit breaker.

Result:

- 1 On the EICAS display, the PITOT 1-2-3 INOP caution messages stay in view.

- 2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become hot.

- (n) Set the EICAS switch, on the maintenance panel, to NORM.

- (o) On the LH electrical-power control/distribution box, open the HEATING/PITOT 1 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 The EICAS display shows the PITOT 2-3 INOP caution message.

- 2 Pitot sensor 1 and anemometric static ports 1 and 4 become cool.

- (p) On the RH electrical-power control/distribution box, open the HEATING/PITOT 2 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 The EICAS display shows the PITOT 3 INOP caution message.

- 2 Pitot sensor 2 and anemometric static ports 2 and 3 become cool.

- (q) On the RH electrical-power control/distribution box, open the PITOT HTG 3 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 On the EICAS display, the PITOT 3 INOP caution message goes out of view.

- 2 Pitot/static sensor 3 becomes cool.

- (r) On the LH electrical-power control/distribution box, close the HEATING/PITOT 1 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

- 1 On the EICAS display, the PITOT 1 INOP caution message comes into view.

- 2 Pitot sensor 1 and anemometric static ports 1 and 4 become hot.

- 3 The master CAUTION lights flash.

- (s) Push a master CAUTION light.

Result:

- 1 The master CAUTION lights go off.

- (t) On the RH electrical-power control/distribution box, close the HEATING/PITOT 2 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

1 On the EICAS display, the PITOT 1-2 INOP caution message comes into view.

2 Pitot sensor 2 and anemometric static ports 2 and 3 become hot.

3 The master CAUTION lights flash.

(u) Push a master CAUTION light.

Result:

1 The master CAUTION lights go off.

(v) On the RH electrical-power control/distribution box, close the PITOT HTG 3 circuit breaker ([AMM SDS 24-60-00/1](#)).

Result:

1 On the EICAS display, the PITOT 1-2-3 INOP caution message comes into view.

2 Pitot sensor 3 becomes hot.

3 The master CAUTION lights flash.

(w) Push a master CAUTION light.

Result:

1 The master CAUTION lights go off.

(x) Close the N2 SIGNAL 2A circuit breaker.

Result:

1 On the EICAS display, the PITOT 1-2-3 INOP caution messages go out of view.

2 Pitot sensors 1 and 2, pitot/static sensor 3, and anemometric static ports 1, 2, 3, and 4 become cool.

K. Follow-on

SUBTASK 842-004-A

- (1) Set the SENSORS (PITOT 1 - TAT 1/AOA 1, PITOT 3, and PITOT 2 - TAT 2/AOA 2) pushbuttons, on the overhead panel, to OFF.
- (2) Deenergize the aircraft ([AMM TASK 20-40-01-860-801-A/200](#)).
- (3) Close access door 223LZ ([AMM MPP 06-41-03/100](#)).
- (4) On the overhead circuit breaker panel, close the N2 SIGNAL 1B and 2A circuit breakers.
 - 1B (Location tip: ESSENTIAL DC BUS 2/POWERPLANT/N2 SIGNAL 1B).
 - 2A (Location tip: ESSENTIAL DC BUS 1/POWERPLANT/N2 SIGNAL 2A).



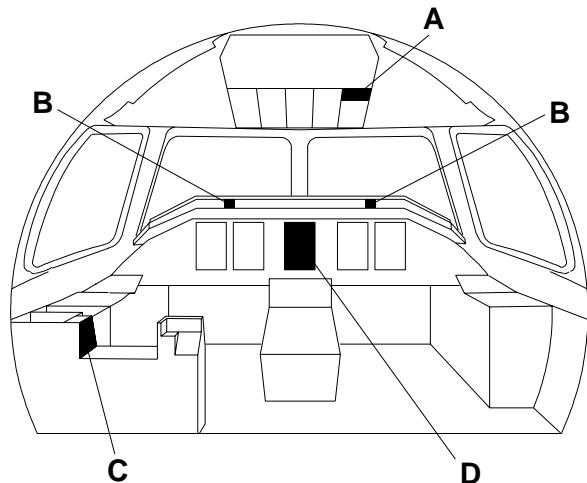
EMB145 – EMB135

AIRCRAFT MAINTENANCE MANUAL

EFFECTIVITY: ALL

Pitot and Anemometric Static Port Heating - Operational Test

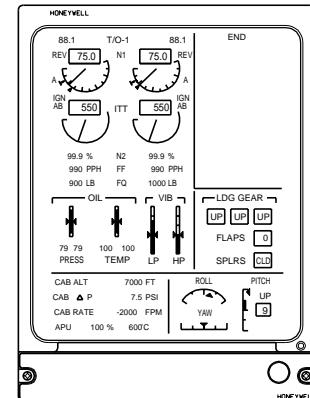
Figure 503



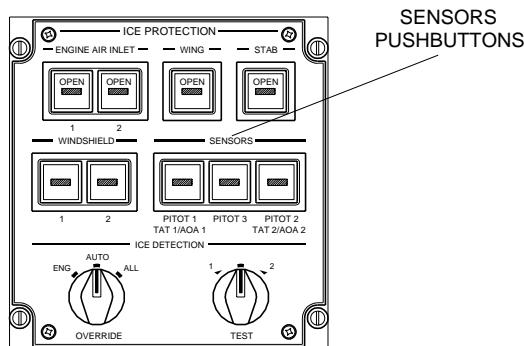
CAUT

DET. B

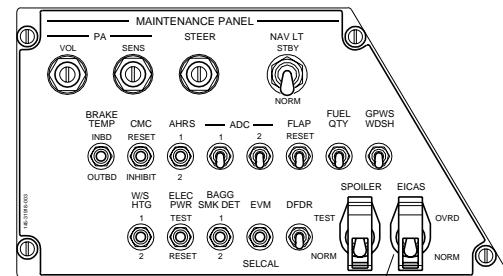
MASTER CAUTION
LIGHT



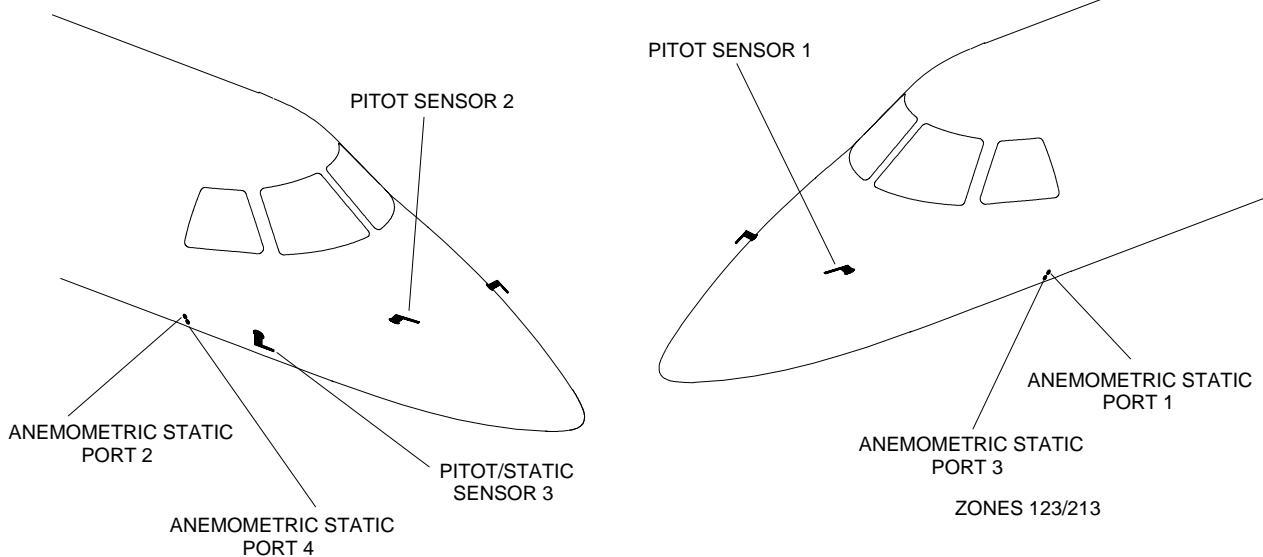
DET. D
EICAS DISPLAY



DET. A



DET. C
MAINTENANCE PANEL



zones 124/214/224

145AMM300244.MCE

EMB-145 - AMM 1285

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