

**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 HEATING - OPERATIONAL CHECK	ALL
30-31-00-700-803-A	PITOT AND ANEMOMETRIC STATIC PORT HEATING - OPERATIONAL TEST	ALL

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

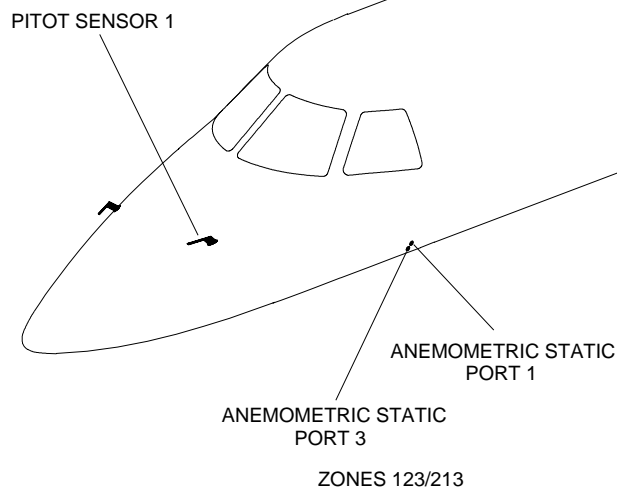
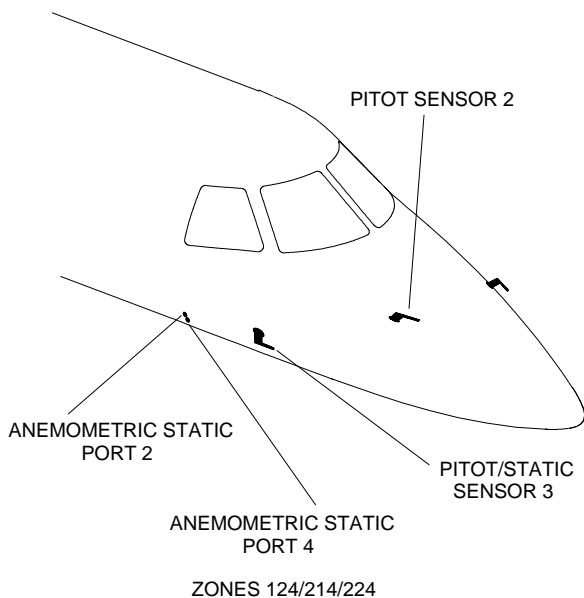
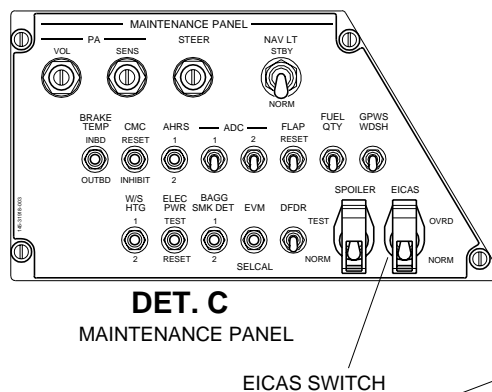
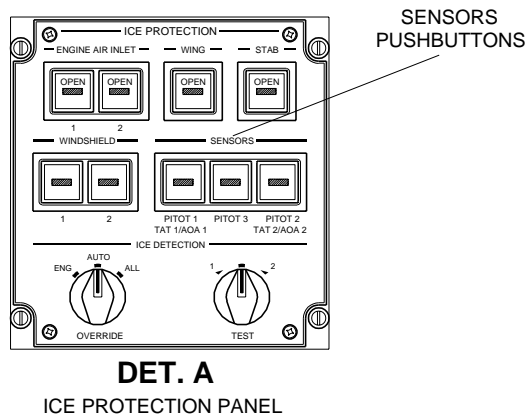
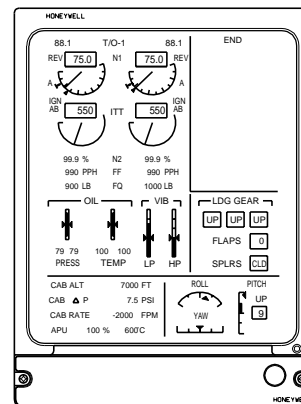
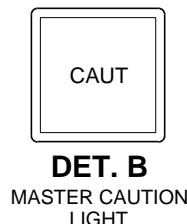
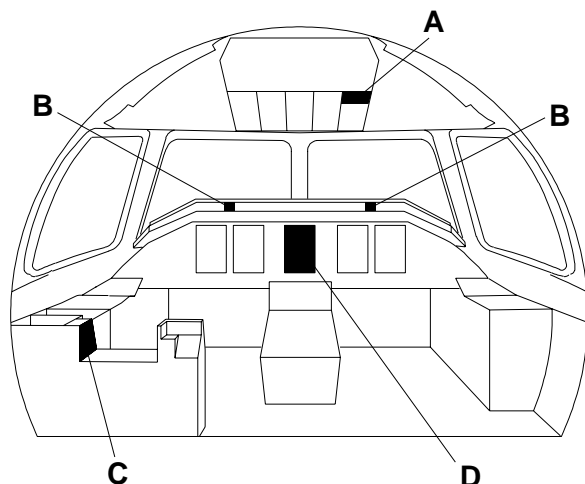
*SUBTASK 842-002-A*

- (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



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
<a href="#">AMM SDS 27-36-00/1</a>	
<a href="#">AMM TASK 20-40-01-860-801-A/200</a>	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).

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

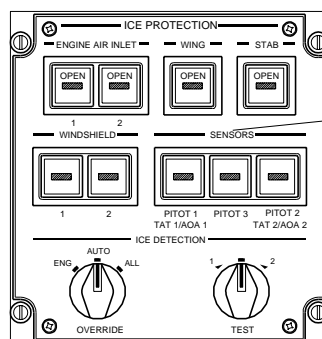
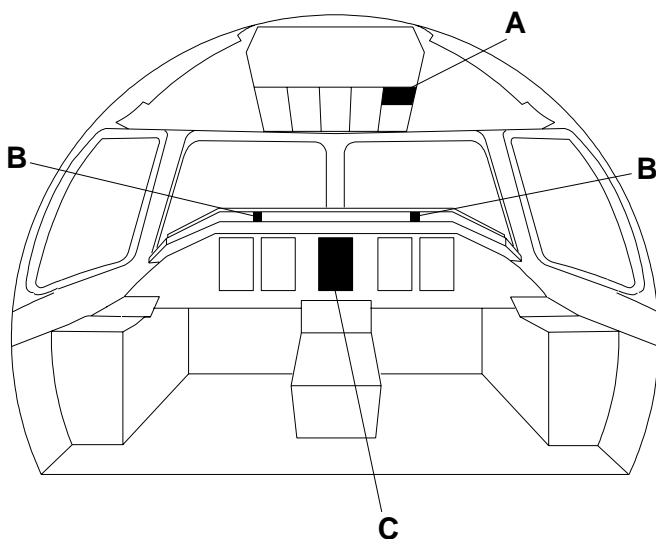
*SUBTASK 842-003-A*

- (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

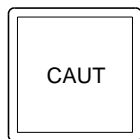
Pressurization Static Port Heating - Operational Check

Figure 502



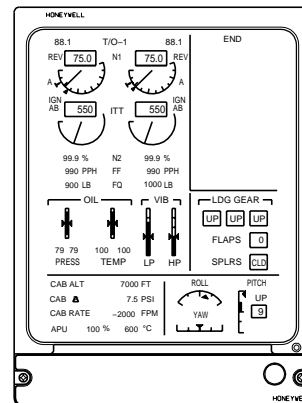
**DET. A**

ICE PROTECTION PANEL



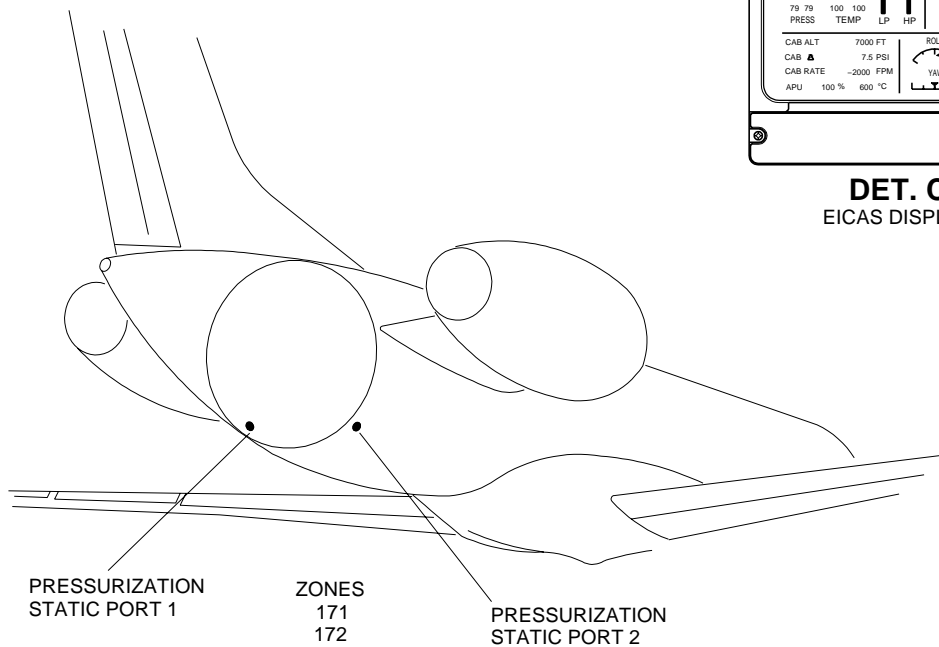
**DET. B**

MASTER CAUTION  
LIGHT



**DET. C**

EICAS DISPLAY



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).



**EFFECTIVITY: ALL**

**Pitot and Anemometric Static Port Heating - Operational Test**

Figure 503

