



FAULT ISOLATION MANUAL

**ON A/C ALL

TASK 36-20-00-810-802

#2 BLEED HOT (Caution) – Fault Isolation

1. General

- A. This fault isolation procedure is for when the caution and warning panel (CAWP) #2 BLEED HOT caution light is on or came on more than one time.
- B. The CAWP #2 BLEED HOT caution light comes on for the conditions that follow:
 - Bleed overtempertaure
 - Bleed overpressure
 - Bleed duct leak.
- C. The central diagnostic system (CDS) can show the related messages that follow:
 - R HPSOV
 - R BLD OVR TMP
 - R BLD TMP SW
 - R WING LEAK
 - R DUCT LEAK SW
 - R BLD OVR PR
 - R BLD PR SW
 - R ANA WING LEAK
 - R ANA AFT LEAK
 - R BLD ANA OT
 - R BLD ANA OP
 - R NAPR SOV
 - R PR CLR TMP SW
 - R BLD DIFF PR
 - R AFT DUCT LEAK SW
 - R BLD TMP

2. Job Set-Up Information

Subtask 36-20-00-910-007

A. Reference Information

REFERENCE	DESIGNATION
AMM TASK 36-11-00-710-802	Operational Test of the Bleed Air System

PSM 1-84-23
EFFECTIVITY:
See First Effectivity on Page 205 of 36-20-00



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REFERENCE	DESIGNATION
AMM TASK 45-00-21-742-801	Retrieval of Data from the Central Diagnostic System – Environmental Control System (ECS) Air Conditioning
AMM TASK 45-00-21-743-801	Erase the Data from the Central Diagnostic System – Environmental Control System (ECS) Air Conditioning
FIM TASK 36-10-00-810-801	R NAPR SOV(Status) – Fault Isolation
FIM TASK 36-10-00-810-810	R PR CLR TMP SW(Status) – Fault Isolation
FIM TASK 36-10-00-810-856	R BLD ANA OP (Status) – Fault Isolation
FIM TASK 36-10-00-810-858	R WING LEAK (Status) – Fault Isolation
FIM TASK 36-10-00-810-860	R HPSOV (Status) – Fault Isolation
FIM TASK 36-10-00-810-861	R BLD PR SW (Status) – Fault Isolation
FIM TASK 36-10-00-810-862	R BLD TMP SW (Status) – Fault Isolation
FIM TASK 36-10-00-810-863	R DUCT LEAK SW (Status) – Fault Isolation
FIM TASK 36-10-00-810-864	R BLD OVR TMP (Status) – Fault Isolation
FIM TASK 36-10-00-810-865	R BLD OVR PR (Status) – Fault Isolation
FIM TASK 36-10-00-810-867	R AFT DUCT LEAK SW (Status) – Fault Isolation
FIM TASK 36-10-00-810-871	R BLD TMP – 1A01 – Fault Isolation
FIM TASK 36-11-16-810-802	R BLD ANA OT (Status) – Fault Isolation
FIM TASK 36-11-34-810-802	R ANA WING LEAK (Status) – Fault Isolation
FIM TASK 36-11-41-810-801	R BLD DIFF PR (Status) – Fault Isolation
FIM TASK 36-11-46-810-802	R ANA AFT LEAK (Status) – Fault Isolation

3. Fault Confirmation

Subtask 36-20-00-810-007

A. Confirm the fault as follows:

- (1) Do the CDS fault indication retrieval (Refer to AMM TASK 45-00-21-742-801).
- (2) Record present and historical faults linked to the event in the appropriate maintenance log book. Include the operational hours for historical faults.
- (3) Erase the data from the CDS (Refer to AMM TASK 45-00-21-743-801).
- (4) Do the operational test of the bleed air system (Refer to AMM TASK 36-11-00-710-802) to clear the caution light.
 - (a) If the #2 BLEED HOT caution light does not come on, no maintenance procedure is necessary. Do the Close Out.



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- (b) If the #2 BLEED HOT caution light does come on, do the CDS fault indication retrieval again (Refer to AMM TASK 45-00-21-742-801). Do the fault isolation.

4. Fault Isolation

Subtask 36-20-00-810-012

A. Isolate the fault as follows:

- (1) If the message is 1101, 1102, or 1104 – R HPSOV, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-860).
- (2) If the message is 7001 – R BLD OVR TMP, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-864).
- (3) If the message is 1701 – R BLD TMP SW, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-862).
- (4) If the message is 7002 – R WING LEAK, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-858).
- (5) If the message is 1801 – R DUCT LEAK SW, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-863).
- (6) If the message is 1802 – R AFT DUCT LEAK SW, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-867).
- (7) If the message is 7004 – R BLD OVR PR, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-865).
- (8) If the message is 1601 – R BLD PR SW, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-861).
- (9) If the message is 7006 – R ANA WING LEAK , do the fault isolation for this message (Refer to FIM TASK 36-11-34-810-802).
- (10) If the message is 7007 – R ANA AFT LEAK , do the fault isolation for this message (Refer to FIM TASK 36-11-46-810-802).
- (11) If the message is 7005 – R BLD ANA OT, do the fault isolation for this message (Refer to FIM TASK 36-11-16-810-802).
- (12) If the message is 7008 – R BLD ANA OP, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-856).
- (13) If the message is 1501, 1502, or 1503 – R BLD DIFF PR, do the fault isolation for this message (Refer to FIM TASK 36-11-41-810-801).
- (14) If the message is 1002, 1005, 1006, or 1007 – R NAPR SOV, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-801).
- (15) If the message is 1901 – R PR CLR TMP SW, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-810).
- (16) If the message is 1A01 – R BLD TMP, do the fault isolation for this message (Refer to FIM TASK 36-10-00-810-871).



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5. Close Out

Subtask 36-20-00-941-003

- A. Make sure that the CAWP #2 BLEED HOT caution light is not on.
- B. Remove all tools, equipment and unwanted materials from the work area.