



FAULT ISOLATION MANUAL

MAINTENANCE PRACTICES

**ON A/C ALL

TASK 32-40-00-810-801

INBD ANTISKID (Caution) – Fault Isolation

1. General

- A. This fault isolation procedure is for when the caution and warning panel (CAWP) INBD ANTISKID caution light is on.
- B. The CAWP shows the INBD ANTISKID light on when there is a loss of ability to command or control the inboard antiskid system.
- C. The audio and radio control display unit (ARCDU) can show one or more of the related central diagnostic system (CDS) messages that follow:
 - CONTROL UNIT
 - LT INBRD WST
 - RT INBRD WST
 - LT INBRD VLV
 - RT INBRD VLV
 - PSEU AIR/GND
 - PSEU GEAR UP.
- D. The proximity sensor electronics unit (PSEU) can show one or more of the related status messages that follow:
 - PSEU CHAN E FAIL DOT14E FAIL
 - DOT14E LOAD FAULT
 - DOT14E OVERCURRENT FAULT
 - PSEU CHAN D FAIL DOT18D FAIL
 - DOT18D LOAD FAULT
 - DOT18D OVERCURRENT FAULT.

NOTE: The fault isolation procedures for the above PSEU messages are equivalent to those for the related CDS PSEU AIR/GND or PSEU GEAR UP messages.

2. Job Set-Up Information

Subtask 32-40-00-946-002

REFERENCE	DESIGNATION
AMM TASK 32-46-00-720-801	Functional Test of the Antiskid System
FIM TASK 32-46-00-810-801	PSEU AIR/GND (Status) – Fault Isolation
FIM TASK 32-46-00-810-802	PSEU GEAR UP (Status) – Fault Isolation

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EFFECTIVITY:
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FIM TASK 32-46-01-810-801	CONTROL UNIT (Status) – Fault Isolation
FIM TASK 32-46-06-810-803	LT INBRD VLV (Status) – Fault Isolation
FIM TASK 32-46-06-810-804	RT INBRD VLV (Status) – Fault Isolation
FIM TASK 32-46-11-810-803	LT INBRD WST (Status) – Fault Isolation
FIM TASK 32-46-11-810-804	RT INBRD WST (Status) – Fault Isolation
AMM TASK 45-00-32-742-801	Retrieval of Data from the Central Diagnostic System – Anti-Skid System (ANTI-SKID)
AMM TASK 45-00-32-743-801	Erase the Data from the Central Diagnostic System – Anti-Skid System (ANTI-SKID)

3. Fault Confirmation

Subtask 32-40-00-700-001

A. Confirm the fault as follows:

- (1) On the ARCDU, do the fault indication retrieval (Refer to AMM TASK 45-00-32-742-801).
- (2) On the ARCDU, erase the data from the CDS for the antiskid system (Refer to AMM TASK 45-00-32-743-801).
- (3) Do a functional test of the antiskid system (Refer to AMM TASK 32-46-00-720-801).
- (4) On the ARCDU, retrieve the data for the antiskid system again (Refer to AMM TASK 45-00-32-742-801).
 - (a) If there are no related CDS status messages on the ARCDU, then no maintenance procedure is necessary. Do the Close out.
 - (b) If there are one or more related CDS status messages on the ARCDU, then do the Fault Isolation.

4. Fault Isolation

Subtask 32-40-00-810-001

- A. If the message is CONTROL UNIT, do the fault isolation for CONTROL UNIT (Refer to FIM TASK 32-46-01-810-801). Do the Close Out.
- B. If the message is LT INBRD WST, do the fault isolation for LT INBRD WST (Refer to FIM TASK 32-46-11-810-803). Do the Close Out.
- C. If the message is RT INBRD WST, do the fault isolation for RT INBRD WST (Refer to FIM TASK 32-46-11-810-804). Do the Close Out.
- D. If the message is LT INBRD VLV, do the fault isolation for LT INBRD VLV (Refer to FIM TASK 32-46-06-810-803). Do the Close Out.
- E. If the message is RT INBRD VLV, do the fault isolation for RT INBRD VLV (Refer to FIM TASK 32-46-06-810-804). Do the Close Out.



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- F. If the message is PSEU AIR/GND, do the fault isolation for PSEU AIR/GND (Refer to FIM TASK 32-46-00-810-801). Do the Close Out.
- G. If the message is PSEU GEAR UP, do the fault isolation for PSEU GEAR UP (Refer to FIM TASK 32-46-00-810-802). Do the Close Out.

5. Close Out

Subtask 32-40-00-941-011

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