

## ATA AIRLINES, INC.

AD 1996-12-18 FWD SERVICE PANEL DRAIN VALVE PRESS LEAK CHECK DC-10 PAGE 1 / 3

CHECK BEING PERFORMED: Custom

ZONES: 112

W/C NUMBER: 710F3801

DATE:

A/C NUMBER:

REV. DATE: 06/07/07

FREQUENCY: PCI

AD NUMBER 1996-12-18

MFR P/N	DESCRIPTION	QTY
PRP568-336/5768-60	O-Ring (Inner Flapper Door)	A/R
PRP568-340/5768-60	O-Ring (Outer Cap Seal)	A/R

  

TOOLS	DESCRIPTION	QTY
325-0011-01	Tester, Lav Drain Vacuum	1

## PANELS

112BB

MECH INSP

MRB ITEM: 38-999A

AD 96-12-18

FWD SERVICE PANEL DRAIN VALVE PRESS LEAK CHECK DC-10  
(SHAW VLV 332); SECTION 04A

CAUTION: HUMAN WASTE CAN CAUSE ILLNESS. WEAR PROTECTIVE CLOTHING  
AND ALWAYS SHIP OR DISCARD CONTAMINATED PARTS IN PLASTIC  
BAGS.

- \_\_\_\_\_ XXXXX 1. At the Lav service panel, accomplish the following.
- A. Pull the drain valve T' handle(s) down and the release the handle.
- (1) Verify the handle(s) snap back to fully close the "in-tank" flush valve. This check confirms the drain valve cable return system friction is not excessive. Do not assist the T handle back to the fully closed position.
- \_\_\_\_\_ XXXXX 2. Service the lavatory with water/rinsing fluid to a level such that the bowl is approximately half full (at least 2 inches above the flapper in the bowl).
- \_\_\_\_\_ XXXXX 3. Open the service panel drain valve. Open both the outer cap and inner flapper door.
- \_\_\_\_\_ XXXXX 4. Check for any evidence of a leaking "in-tank" flush valve after 5 minutes from opening the service panel drain valve.
- \_\_\_\_\_ XXXXX 5. If no leaks are found, N/A this step. Install a new "in-tank" flush valve as needed to correct any leaks.

NOTE: If not corrected, aircraft may be used for revenue

REVISION DATE: 06/07/07

ATA AIRLINES, INC. DC10-30 FLEET

W/C #: 710F3801

DATE WORK CARD COMPLETE \_\_\_/\_\_\_/\_\_\_

service provided the lavatory system is drained and the lavatory placarded INOPERATIVE per MEL.

\_\_\_\_\_ XXXXX 6. Close the inner flapper door of the panel drain valve. Leave the outer cap open.

\_\_\_\_\_ XXXXX 7. Obtain lav drain vacuum drain tester P/N 325-0011-01. If tester is NOT available, N/A step 8. and proceed with step 9. If tester is available, N/A steps 9.A thru 9.E. and proceed with step 8.

NOTE: The following work steps check the drain valve inner flapper door seal for leakage. Two procedures are available depending upon if lav drain vacuum drain tester P/N 325-0011-01 is available.

\_\_\_\_\_ XXXXX 8. TEST PROCEDURE WITH TESTER:

With drain valve inner flapper door closed, clean inside diameter of drain valve housing to ensure a good sealing surface is available. Using lav drain vacuum drain tester P/N 325-0011-01, install sealed plug end of tool into inner diameter of drain valve. Ensure tool plug is seated squarely into valve. Apply suction to the valve using hand pump to a value of 3.0 PSID. Verify no leakage exists at the inner flapper seal. Remove tool from drain valve.

NOTE: N/A step 9. if this procedure was used.

\_\_\_\_\_ XXXXX 9. TEST PROCEDURE WITHOUT TESTER:

- A. Pull the drain valve handle to open the "in-tank" flush valve.
- B. Using engine APU or ground source, pressurize aircraft to 3.0 PSID minimum pressure.
- C. Check the panel drain valve inner flapper door for leaks.
- D. Correct any leaks prior to further flight.

NOTE: Inner flapper door O'ring is P/N PRP568-336/5768-60

NOTE: If not corrected, aircraft may be used for revenue service provided the lavatory system is drained and the lavatory placard INOPERATIVE per MEL.

E. Depressurize the aircraft.

NOTE: N/A step 8. if this procedure was used.

\_\_\_\_\_ XXXXX 10. Reset the "in-tank" flush valve and drain water in tube.

\_\_\_\_\_ XXXXX 11. Visually check the panel drain valve outer cap seal for wear or damage. Replace any worn or damaged seal.

NOTE: Outer cap O'ring is P/N PRP568-340/5768-60

\_\_\_\_\_ XXXXX 12. Visually check the outer cap seal mating surface (the valve nipple) for wear or damage that may cause leakage. Replace any damaged valve prior to further flight.

NOTE: If not corrected, aircraft may be used for revenue service provided the lavatory system is drained and the lavatory placarded INOPERATIVE per MEL.

\_\_\_\_\_ XXXXX 13. Close the service panel drain valve inner seal and outer cap and access door.

\*\*\*\*\* END OF WORKCARD \*\*\*\*\*