

ATA AIRLINES, INC.

L/R/C ACMP/EDP CASE DRAIN AND RETURN DELTA P

PAGE 1 / 4

CHECK BEING PERFORMED: Custom

ZONES: 143 144 197 434 W/C NUMBER: 290M2901 DATE:
A/C NUMBER: REV. DATE: 05/15/02 W/O:
FREQUENCY: 1A JAC CODE:

Table with 3 columns: MFR P/N, DESCRIPTION, QTY. Rows include items like 7513128 FILTER ELEMENT A/R, NAS1611-143 PACKING A/R, etc.

PANELS

197KL 444AL
434AL

REFERENCES

1, 2, 3

MECH INSP

MPD TASK 29-11-00-6C
MPD TASK 29-11-00-6D

INSPECT HYDRAULIC SYSTEM L/R/C ACMP AND EDP CASE FILTER DIFFERENTIAL PRESSURE INDICATORS FOR POSITION.

INSPECT HYDRAULIC SYSTEM L/R/C RETURN FILTER DIFFERENTIAL PRESSURE INDICATORS FOR POSITION.

ZONES AFFECTED: 143, 144, 197, 434, 444

1. Differential Pressure Indicators Inspection for the Case Drain Filters of the Altering Current Motor Pumps (ACMP) and the Engine-Driven Pumps (EDP) and for the Return Filters in the Left, Right, and Center Hydraulic Systems.

A. References.

(1) 06-41-00/201, Fuselage Access Doors and Panels.

(2) 06-43-00/201, Engine and Nacelle Strut Access Doors and panels.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 290M2901 (continued)

MECH: INSP:

- (3) 29-11-01/401, Left and Right System Alternating Current Motor Pump (ACMP).
- (4) 29-11-02/401, Center System Alternating Current Motor Pump (ACMP).
- (5) 29-11-05/401, Engine-Driven Pump (EDP).
- (6) 29-11-13/401, Center System Return Filter Module and Components.
- (7) 29-11-15/401, Left and Right System Return Filter module and Components.
- (8) 29-11-17/401, Left and Right System Engine-Driven Pump (EDP) Pressure and Case Drain Filter Module and Components.
- (9) 29-11-18/401, Left and Right System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components.
- (10) 29-11-19/401, Center System Alternating Current Motor Pump (ACMP) Pressure and Case Drain Filter Module and Components.
- (11) 32-00-15/201, Main Gear Door Locks.
- (12) 32-00-20/201, Landing Gear Downlocks.
- (13) 78-31-00/201, Thrust Reverser System.

B. Procedure.

- _____ XXXXX (1) Make sure the downlocks are installed on the nose and main landing gear (Ref. 32-00-20).

| WARNING: USE THE PROCEDURE IN 32-00-15 TO INSTALL THE
 | DOOR LOCKS. THE DOORS OPEN AND CLOSE QUICKLY
 | AND CAN CAUSE INJURY TO PERSONS OR DAMAGE TO
 | EQUIPMENT.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 290M2901 (continued)

MECH: INSP:

_____ XXXXX (2) Open the doors for the landing gear and install the door locks (Ref. 32-00-15).

| WARNING: DO THE THRUST REVERSER PROCEDURE TO PREVENT
| THE OPERATION OF THE THRUST REVERSER.
| ACCIDENTAL OPERATION OF THE THRUST REVERSER
| CAN CAUSE INJURY TO PERSONS OR DAMAGE TO
| EQUIPMENT.

_____ XXXXX (3) Do this procedure: Thrust Reverser Deactivation for Ground Maintenance (Ref. 78-31-00).

_____ XXXXX (4) Open the access panels, 435AL and 445AL, for the hydraulic bay in the aft strut (Ref. 06-43-00).

_____ XXXXX (5) Open the access panel, 197KL, for the central hydraulic service center (Ref. 06-41-00).

_____ XXXXX (6) Do the steps which follow to examine the differential pressure indicators for these filters:

(a) Case Drain Filter for the ACMP in the Left Hydraulic System (Fig. 1, 2).

(b) Case Drain Filter for the ACMP in the Right Hydraulic System (Fig. 1, 2).

(c) Case Drain Filters for the ACMPs in the Center Hydraulic System (Fig. 3).

(d) Case Drain Filter for the EDP in the Left Hydraulic System (Fig. 1, 2).

(e) Case Drain Filter for the EDP in the Right Hydraulic System (Fig. 1, 2).

(f) Return Filter in the Left Hydraulic System (Fig. 1, 2).

(g) Return Filter in the Right Hydraulic System (Fig. 1, 2).

(h) Return Filter in the Center Hydraulic System

(Fig. 3).

- 1) Make sure the red indicator button on each differential pressure indicator did not come out.
- 2) If the red indicator button came out, replace the filter element and set the indicator button as follows:
 - a) Case Drain Filter for the ACMP in the Left and Right Hydraulic Systems (Ref. 29-11-18).
 - b) Case Drain Filters for the ACMPs in the Center Hydraulic System (Ref. 29-11-19).
 - c) Case Drain Filter for the EDP in the Left and Right Hydraulic Systems (Ref. 29-11-17).
 - d) Return Filter in the Left and Right Hydraulic System (Ref. 29-11-15).
 - e) Return Filter Module in the Center Hydraulic System (Ref. 29-11-13).
- 3) If a case drain filter module contains many metal particles, replace the related hydraulic pump as follows:
 - a) ACMP in the Left and Right Hydraulic System (Ref. 29-11-01).
 - b) ACMP in the Center Hydraulic System (Ref. 29-11-02).
 - c) EDP in the Left and Right Hydraulic System (Ref. 29-11-05).

_____ XXXXX (7) Return Aircraft to Usual Condition

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 290M2901 (continued)

MECH: INSP:

| (a) Close the access panel, 197KL, for the central hydraulic service center (Ref. 06-41-00) if not required for other MX.

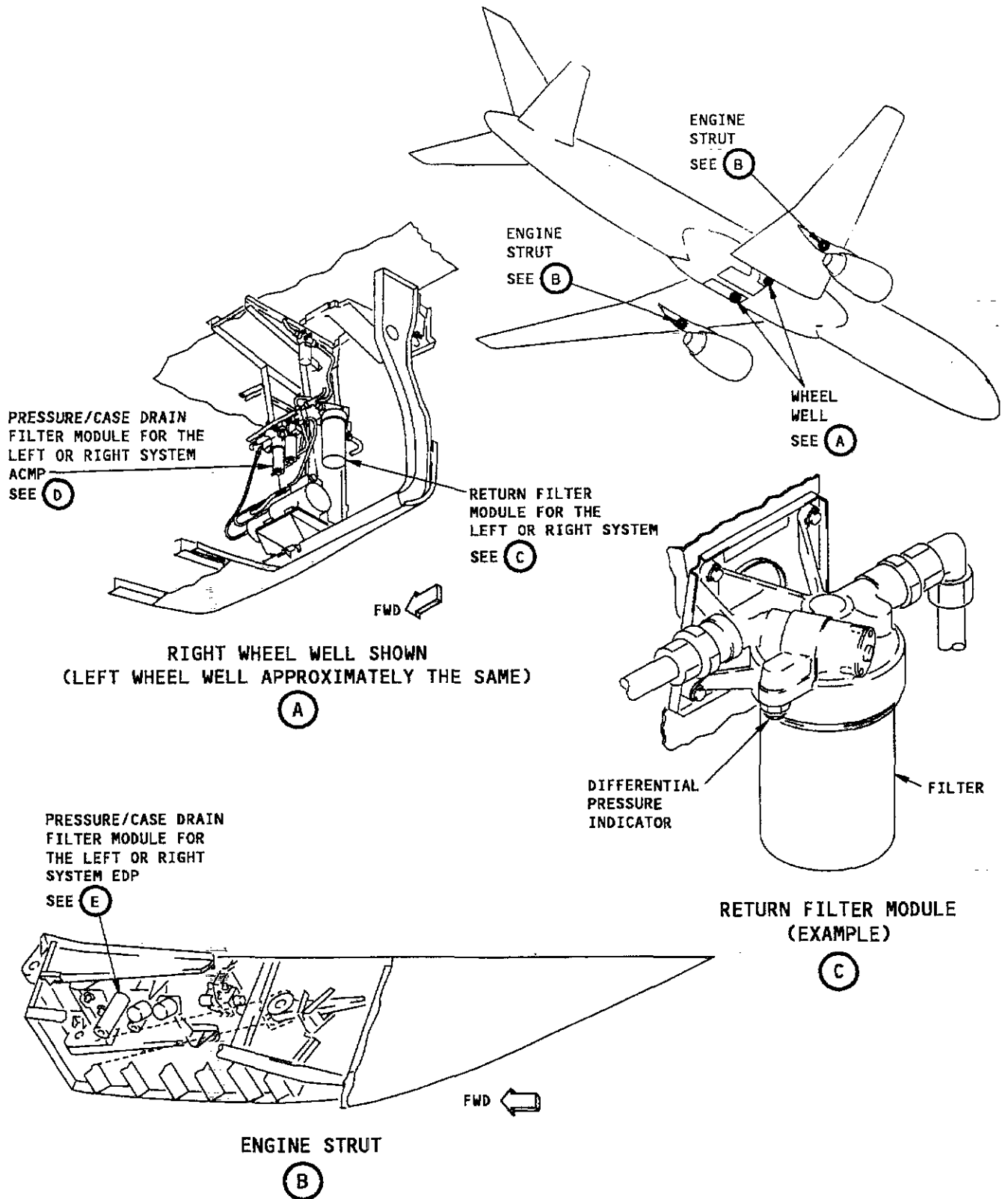
| (b) Close the access panels, 435AL and 445AL, for the hydraulic bay in the aft strut (Ref. 06-43-00) if not required for other MX.

| (c) Do the activation procedure for the thrust reverser (Ref. 78-31-00).

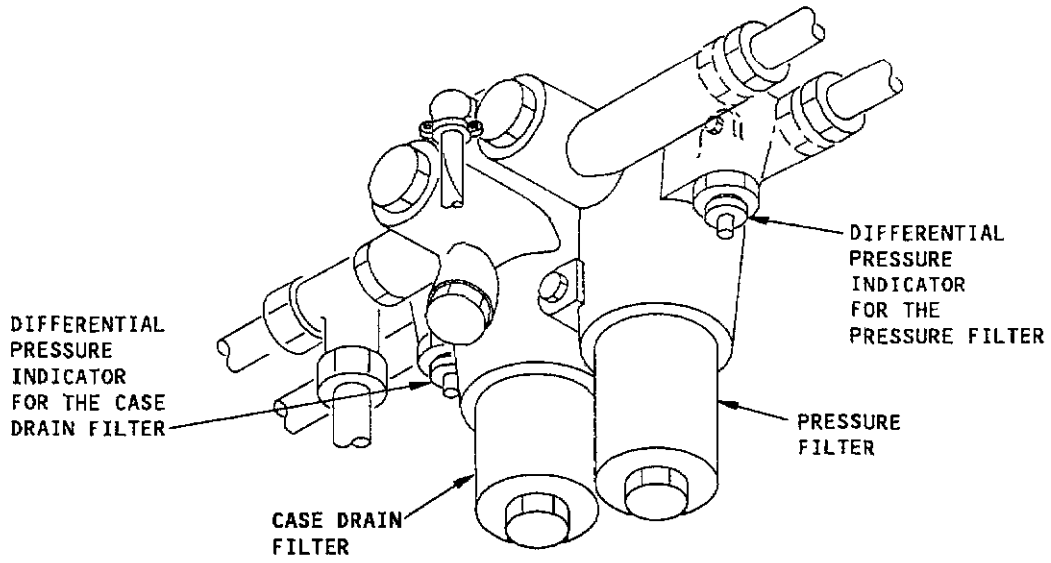
| WARNING: USE THE PROCEDURE IN 32-00-15 TO REMOVE THE DOOR LOCKS. THE DOORS OPEN AND CLOSE QUICKLY AND CAN CAUSE INJURY TO PERSONS OR DAMAGE TO EQUIPMENT.

| (d) Remove the door locks from the landing gear doors and close the doors (Ref. 32-00-15).

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

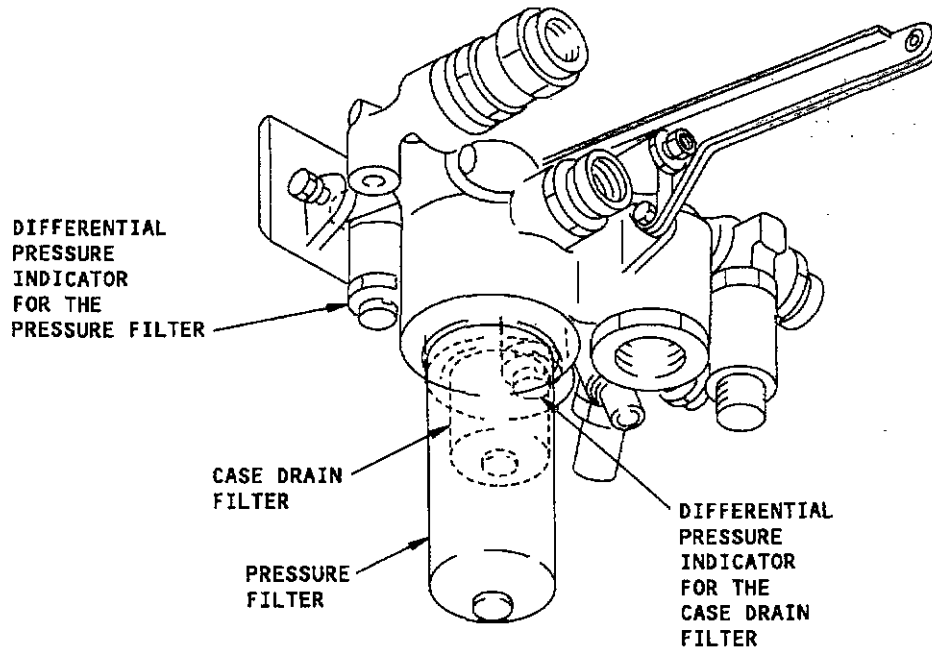


Differential Pressure Indicators for the Left or Right System



ACMP FILTER MODULE
(EXAMPLE)

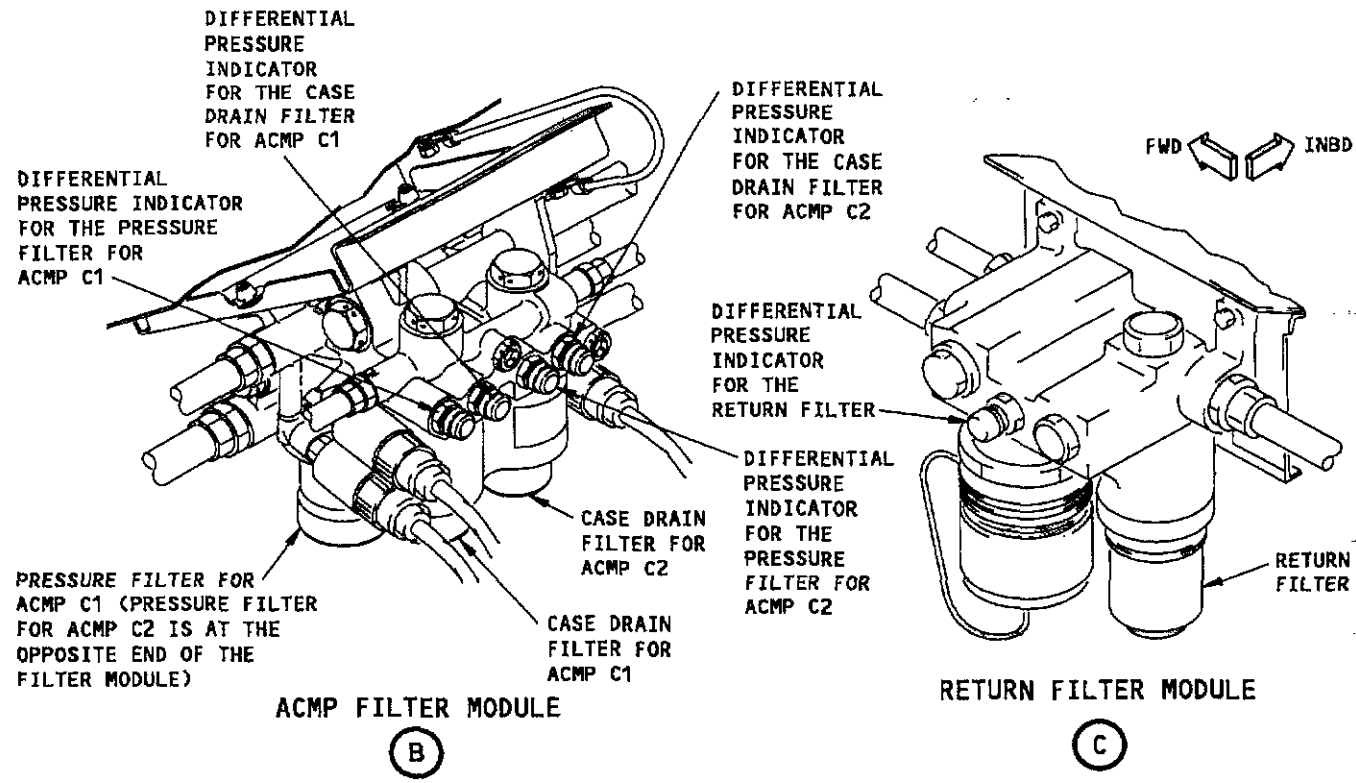
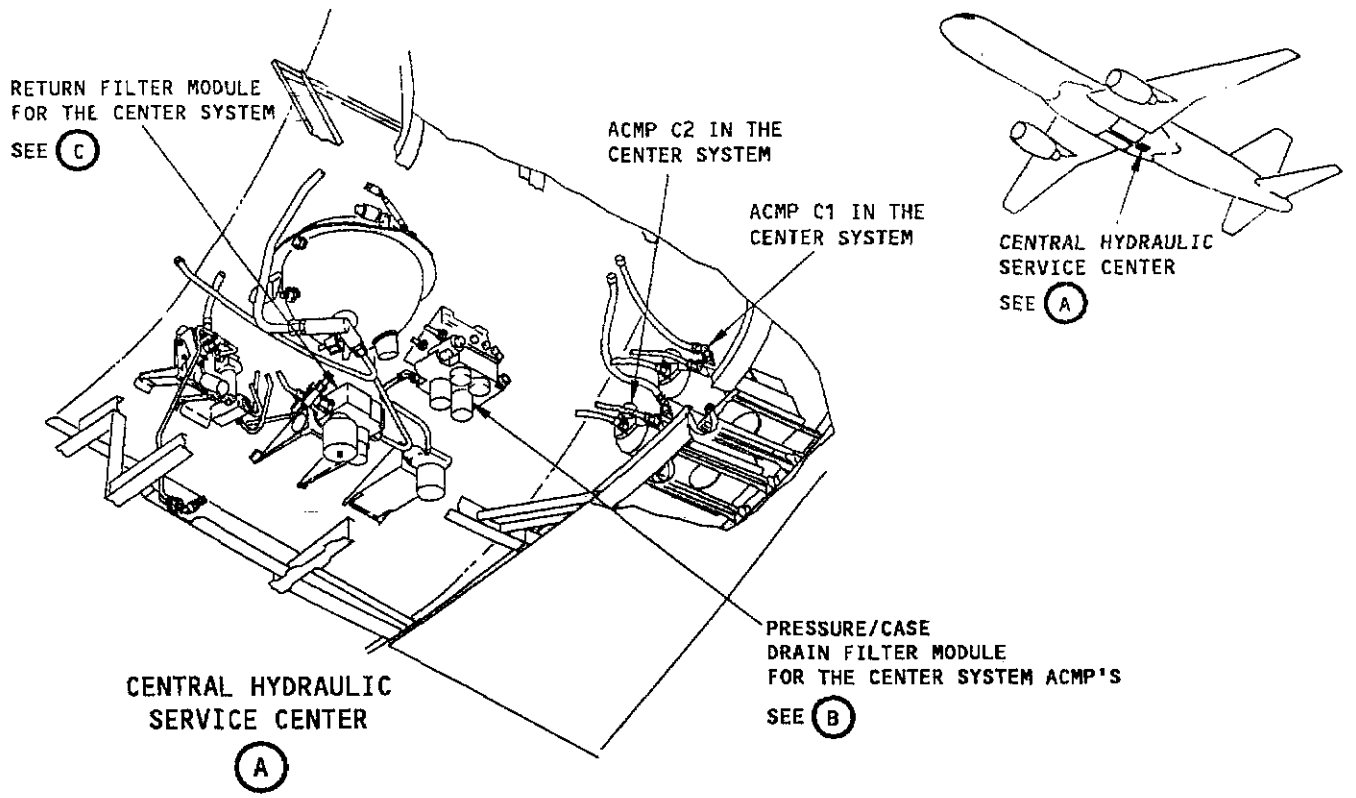
(D)



EDP FILTER MODULE
(EXAMPLE)

(E)

Differential Pressure Indicators for the Left or Right System



Differential Pressure Indicators for the Center System