

ATA AIRLINES, INC.

#1 ENGINE REVERSE FLOW CHECK CONTROLLER

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CHECK BEING PERFORMED: Custom

ZONES: 421
A/C NUMBER:
REV. DATE: 04/21/99
FREQUENCY: 1C

W/C NUMBER: 241M3601 DATE:
W/O:
JAC CODE:

MFR P/N	DESCRIPTION	QTY
D00010	ANTISEIZE COMPOUND	A/R
	OHMMETER	1
	PRESSURE HOSE - 0 to 50 psig	1

PANELS

413AL 415AL
414AR 416AR

REFERENCES

1, 2

MECH INSP

OPERATIONALLY CHECK THE LEFT ENGINE REVERSER FLOW CHECK
CONTROLLER.

REVERSE FLOW CHECK CONTROLLER - ADJUSTMENT/TEST

1 General

A This task will perform an operational test of the RFCC while the RFCC is on-wing.

B Electrical power is not necessary for this task.

2 Operational Test of the Reverse Flow Check Controller (RFCC)

A Equipment

1 Ohmmeter

B Consumable Materials

1 D00010 Antiseize Compound, Commerically Available

C Parts

1 Pressure hose - 0-50 PSIG

D References

REVISION DATE: 04/21/99

ATA AIRLINES, INC. B757 FLEET

W/C #: 241M3601

DATE WORK CARD COMPLETE ___/___/___

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 241M3601 (continued)

MECH: INSP:

- 1 06-43-00/201, Engine and Nacelle Strut
(Zone 400) Access Doors and Panels
- 2 24-22-00/201, Electrical Power - General
- 3 36-00-00/201, Pneumatic Power - General
- 4 36-11-18/401, Reverse Flow Check Controller

E Access

- 1 Location Zones

411/421 Engine
- 2 Access Panels

413/414/423/424 Fan Cowl Panel
415/416/425/426 Fan Reverser

F Prepare for the Operational Test (Fig. 501)

NOTE: During the test you will be asked some questions. Each question will have a yes or no answer. Each yes or no answer gives a recommended action, for example: NO, replace the RFCC (Ref 36-11-18/401). You can continue with the test without doing the action if you want to see other characteristics of the test. However, you should do the recommended action after you complete the test.

WARNING: RELEASE THE PRESSURE IN THE PNEUMATIC DUCT BEFORE YOU REMOVE A PNEUMATIC SYSTEM COMPONENT. THE HOT, HIGH-PRESSURE AIR CAN CAUSE INJURY TO PERSONS.

- _____ XXXXX 1 Remove Pneumatic Power (Ref 36-00-00/201).
- _____ XXXXX 2 Electrical power is not necessary.
- _____ XXXXX 3 Open the applicable circuit breaker, on the P11 panel, and attach a DO-NOT-CLOSE tag:
 - a 11Q10, ENG BLD L

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 241M3601 (continued)

MECH: INSP:

b 11Q19, R ENG BLEED

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

_____ XXXXX 4 Do this procedure: Thrust Reverser Isolation Valve Deactivation for Ground Maintenance (Ref 78-31-01).

_____ XXXXX 5 Remove the electrical connector for the RFCC.

|_____ XXXXX 6 Remove the upstream sense line as shown in Fig. 1, 2.

_____ XXXXX 7 Remove the downstream sense line at the PRSOV.

NOTE: The upstream and downstream sense lines get pneumatic pressure input from upstream and downstream of the PRSOV.

G Operational test of the RFCC

_____ XXXXX 1 Do a check for continuity on pins 1 and 2.

2 Is there continuity?

NOTE: (Reverse Flow) Downstream Pressure > Upstream Pressure = NO CONTINUITY. (Forward Flow) Upstream Pressure > Downstream Pressure = CONTINUITY.

a YES, go to step 2.G.(3).

b NO, install the test line to the upstream connection (Fig. 1, 2). Using lung power, blow into the test line for the upstream port. Is there continuity?

1 NO, Replace the RFCC (Ref 36-11-18/401). Go to step 2.H.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 241M3601 (continued)

MECH: INSP:

2 YES,
 Install a test line to the downstream connection.
 Using lung power, blow into the test line for the
 downstream pressure port.
 Is there continuity?

a Yes,
 Replace the RFCC (Ref 36-11-18/401).
 Go to step 2.H.

b NO,
 The RFCC is satisfactory.
 Go to step 2.H.

_____ XXXXX
 |

3 Install the test line to the downstream connection
 (Fig. 1, 2). Using lung power, blow into the
 test line for the downstream port.
 Is there continuity?

a YES,
 Replace the RFCC (Ref 36-11-18/401).
 Go to step 2.H.

b NO,
 Install the test line to the upstream
 connection. Using lung power, blow into the
 test line for upstream port.
 Is there continuity?

1 NO,
 Replace the RFCC (Ref 36-11-18/401).
 Go to step 2.H.

2 YES,
 The RFCC is satisfactory.

H Put the Airplane to Its Usual Condition

_____ XXXXX

1 Remove the test lines from the upstream and
 downstream ports.

_____ XXXXX

2 Apply antiseize compound to the upstream and downstream

#1 ENGINE REVERSE FLOW CHECK CONTROLLER

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W/C NUMBER: 241M3601 (continued)

MECH: INSP:

sense line fittings.

_____ XXXXX 3 Install the upstream and downstream sense lines.

_____ XXXXX 4 Connect the electrical connetor.

_____ XXXXX 5 Do this procedure:
Thrust Reverser Isolation Valve Activation
(Ref 78-31-00).

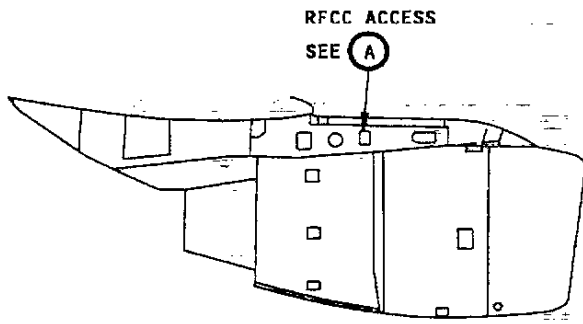
_____ XXXXX 6 Remove the DO-NOT-CLOSE tag and close the applicable
circuit breaker on the P11 panel:

a 11Q10, ENG BLD L

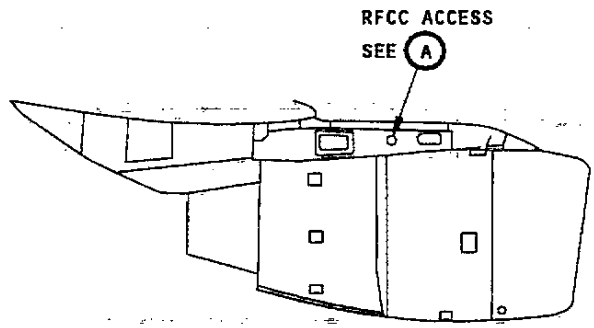
b 11Q19, R ENG BLEED

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

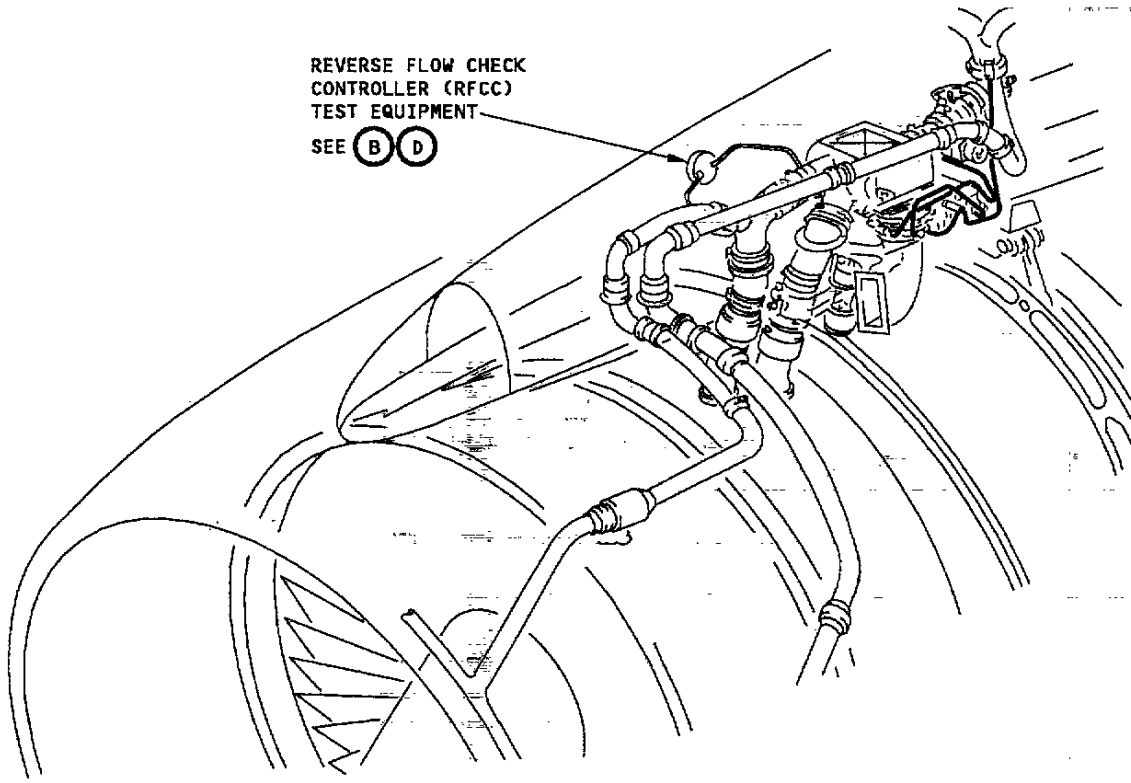
241M3601



LEFT ENGINE



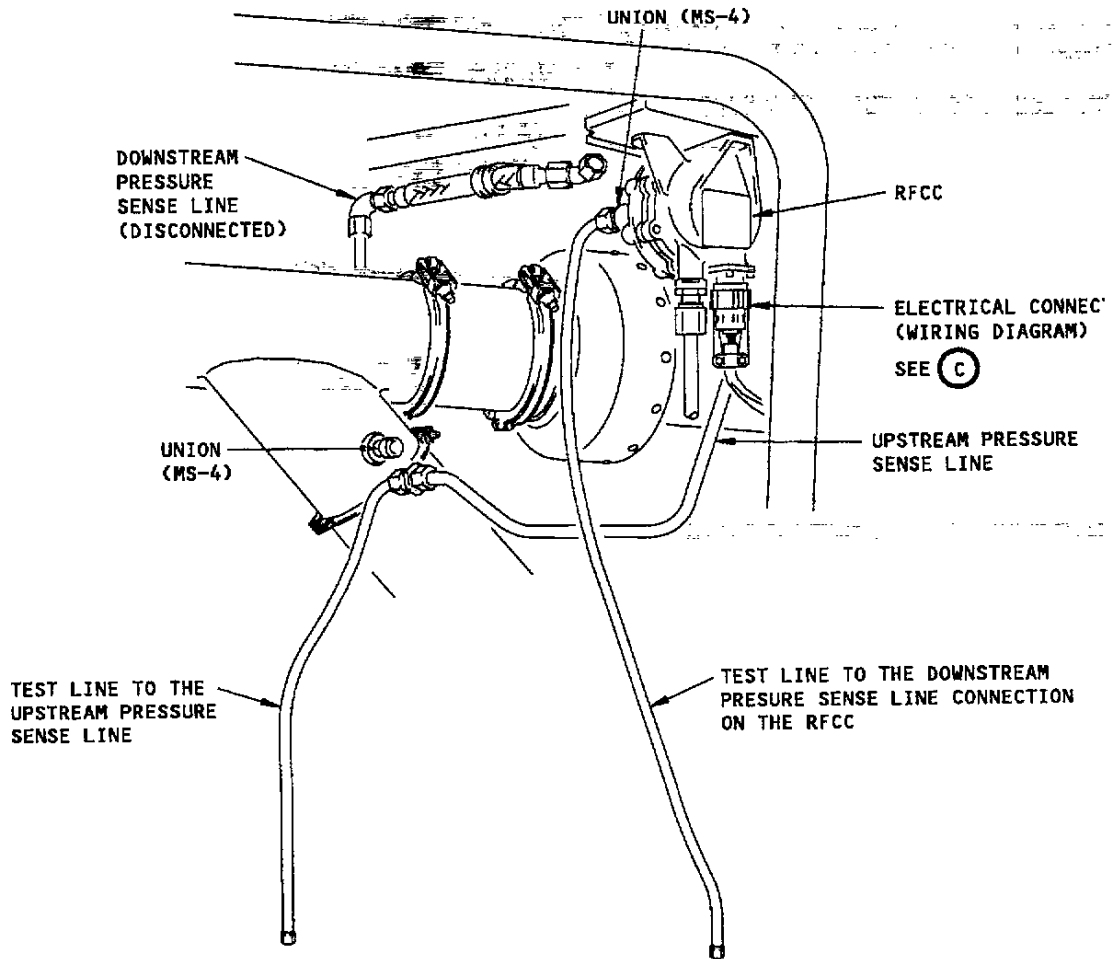
RIGHT ENGINE



(A)

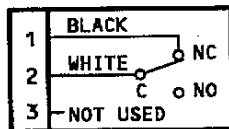
Reverse Flow Check Controller Test Equipment

241M3601



RFCC TEST EQUIPMENT
(LEFT ENGINE STRUT)

(B)



ELECTRICAL CONNECTOR
WIRING DIAGRAM

(C)

Reverse Flow Check Controller Test Equipment