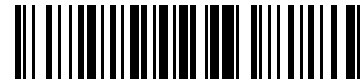


CHECK BEING PERFORMED: Custom

ZONES: 420  
 A/C NUMBER:  
 REV. DATE: 06/18/02  
 FREQUENCY: PCI

W/C NUMBER: 543M7304  
 DATE:  
 W/O:  
 JAC CODE:



TOOLS	DESCRIPTION	QTY
BARFIELD	PITOT STATIC TEST SET	1
ADAPTER	0.5 INCH U.N.F. 20 T.P.I.	1

## REFERENCES

MM 73-21-23 FIGURE 1 543M7304

MECH INSP

NOTE: THIS WORKCARD APPLICABLE TO RB211-524 ENGINES ONLY.  
 NOT APPLICABLE TO RB211-524 ENGINES WITH SLUGGER  
 VALVE DEACTIVATED.

OPERATIONALLY TEST THE ALTITUDE PRESSURE SWITCH

XXXXX 1 PREPARE FOR SYSTEM TEST

WARNING: ENSURE THRUST REVERSER SYSTEM IS LOCKED IN FORWARD  
 THRUST POSITION WHILE WORK IS IN PROGRESS.

- A DEACTIVATE AND TAG THURST REVERSER AND ASSOCIATED SYSTEMS,  
AND FIT THRUST REVERSER LOCKS. (REF 78-30-00)
- B OPEN LEFT-HAND HINGED COWL 423A.
- C DISCONNECT FITTINGS (2) AND (3) THEN REMOVE TUBE (4).  
(SEE FIGURE 1)
- D CONNECT TEST SET TO ALTITUDE PRESSURE SWITCH USING  
SUITABLE ADAPTER.
- E ENERGIZE GROUND SERVICES SYSTEM (REF. 24-41-00)
- F ON SECOND OFFICERS C.B. PANEL CB3, PULL CONT IGN SYS A  
AND SYS B R8 AND R9.
- G OPEN CIRCUIT BREAKER CB1. F18 TO CLOSE ENGINE FUEL  
SHUTOFF VALVE.
- H ENERGIZE FUEL AND INGNITION SWITCH.

XXXXX 2 TEST ALTITUDE PRESSURE SWITCH.

- A USING PITOT STATIC TEST SET REDUCE PRESSURE AND  
AUDIBLY CHECK OPERATION OF THE F.F.R. AIR CONTROL  
VALVE SOLENOID, POSITIONED AT ARROW A, FIGURE 1.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 543M7304 (continued)

MECH: INSP:

B RECORD THE READING AT WHICH THE SOLENOID OPERATES.  
THIS SHOULD BE BETWEEN 7.6 AND 6.9 P.S.I.A. (17,104 AND  
19,575 FEET ALTITUDE, 522.9 AND 475.8 MILLIBARS, 15.47  
AND 14.05 INCHES Hg).

RECORD READING \_\_\_\_\_ P.S.I.A.

C SLOWLY INCREASE PRESSURE, AUDIBLY CHECK OPERATION OF THE  
SOLENOID.

D RECORD THE READING AT WHICH THE SOLENOID OPERATES.  
THIS SHOULD BE BETWEEN 7.2 AND 8.3 P.S.I.A. (18,347 AND  
14,977 FEET ALTITUDE, 496.4 AND 564.8 MILLIBARS, 14.66  
AND 16.9 INCHES Hg).

RECORD READING \_\_\_\_\_ P.S.I.A.

E IF THE DIFFERENCE BETWEEN THE READING RECORDED IN STEPS B  
AND D IS LESS THAN 0.3 P.S.I.A. (974 FEET ALTITUDE,  
20.7 MILLIBARS, 0.611 INCHES Hg), OR IS OUTSIDE THE  
LIMITS IN STEPS B AND D, GENERATE A NONROUTINE TO REPLACE  
THE ALTITUDE PRESSURE SWITCH.

DIFFERENCE \_\_\_\_\_

XXXXX 3 RETURN ENGINE TO PRE TEST CONFIGURATION.

A DE-ENERGIZE FUEL AND INGNITION SWITCH.

B DISCONNECT TEST SET FROM ALTITUDE PRESSURE SWITCH.

C INSTALL TUBE (4) CONNECT AND SECURE (REF. 70-51-00)  
CONNECTORS (3) AND (2), THEN WIRELOCK. (SEE FIGURE 1)

D DE-ENERGIZE GROUND SERVICES SYSTEM (REF. 24-21-00)

E CLOSE CONT IGN SYS A AND SYS B R8 AND R9 CIRCUIT BREAKER  
ON SECOND OFFICERS CIRCUIT BREAKER PANEL CB3.

F CLOSE CIRCUIT BREAKER CB1, F18 ENG FUEL SHUTOFF.

G REMOVE WORK STANDS AND CLOSE HINGED COWL 423A.

H RE-ACTIVATE THRUST REVERSER AND ASSOCIATED SYSTEMS  
(REF. 78-30-00)

OPERATIONAL CHECK #3 ENGINE ALTITUDE PRESSURE SWITCH

PAGE:3 /3

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 543M7304 (continued)

MECH: INSP:

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

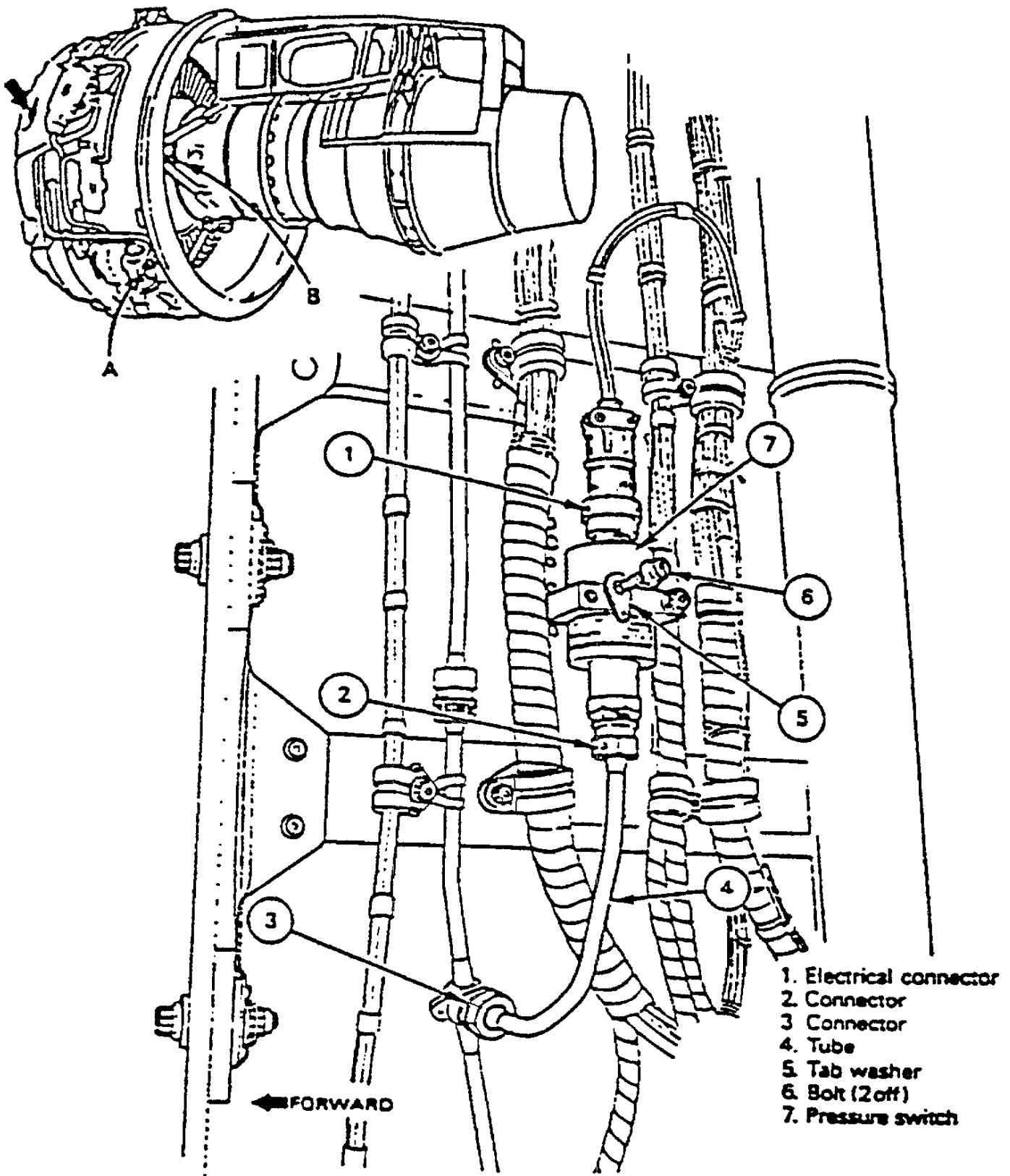


FIGURE 1

REVISION DATE 06/19/1998