

CHECK BEING PERFORMED: Custom

ZONES: 430
 A/C NUMBER:
 REV. DATE: 06/18/02
 FREQUENCY: PCI

W/C NUMBER: 542M7305
 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 542M7305

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 HANDED HINGED COWLS 433AL AND 433DL.
- 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 CB7, PULL CONT IGN SYS A
AND SYS B R8 AND R9.
- G OPEN CIRCUIT BREAKER CB1. F17 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.

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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, F17 ENG FUEL SHUTOFF.

G REMOVE WORK STANDS AND CLOSE LEFT HAND HINGE
COWLS 433AL AND 433DL.

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

OPERATIONAL CHECK #2 ENGINE ALTITUDE PRESSURE SWITCH

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MECH: INSP:

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

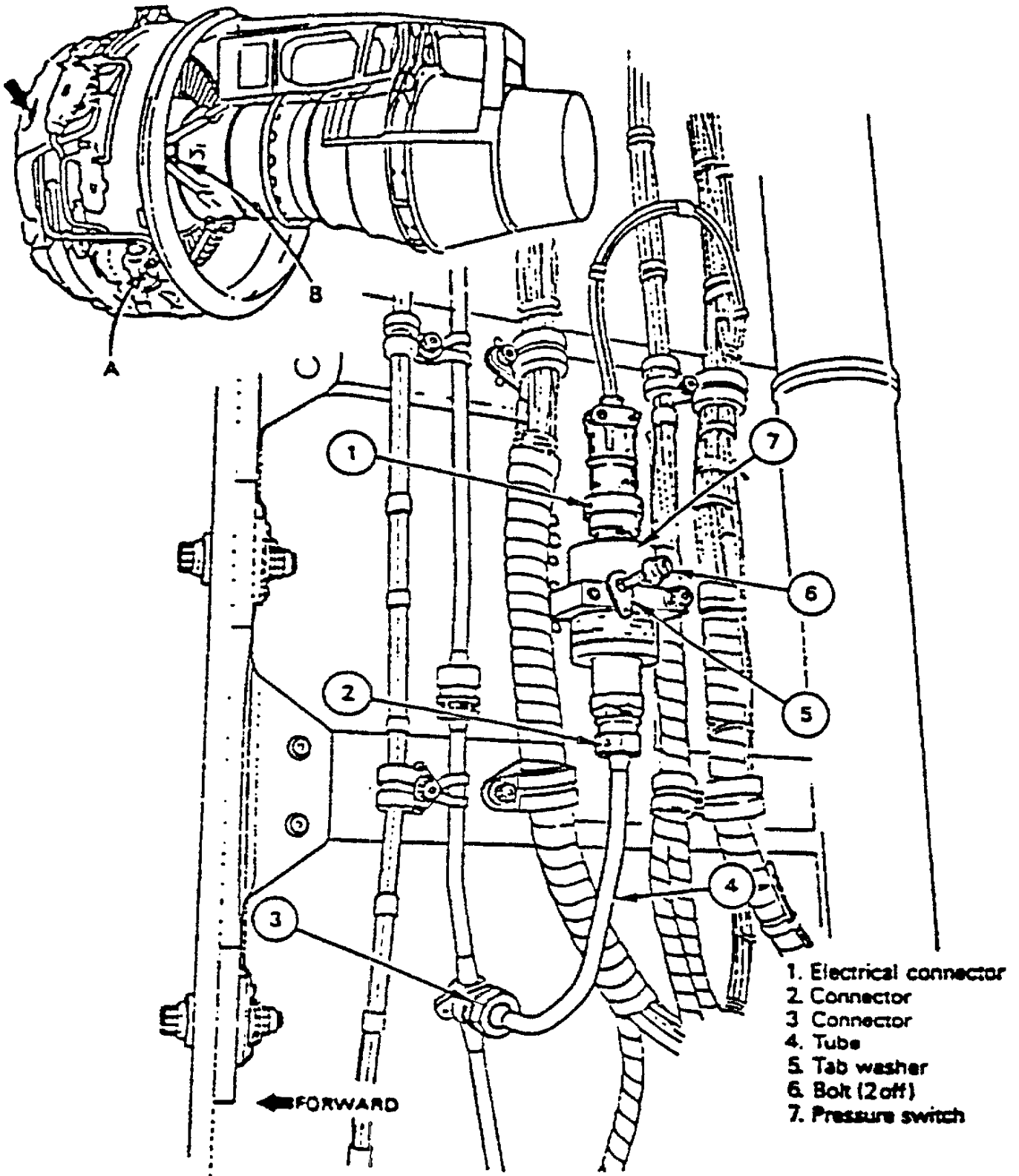


FIGURE 1

REVISION DATE 06/19/1998