

STATION
TAIL NO.
DATE



BOEING CARD NO. 76-R02
AIRLINE CARD NO.

SKILL ENGIN	WORK AREA CREW CABIN	RELATED TASK	INTERVAL	PHASE	MPD REV 008	TASK CARD REVISION AUG 22/00
TASK REPLACE		TITLE ENGINE FUEL CONTROL MODULE		STRUCTURAL ILLUSTRATION REFERENCE	APPLICABILITY AIRPLANE ENGINE ALL 4000	
ZONES 113 114 211 212			ACCESS PANELS 113AL			

MECH	INSP	MPD ITEM NUMBER N76-11-09-2A	
		<p>REPLACE THE ENGINE FUEL CONTROL MODULE.</p> <p>THIS CARD IS NOT A SCHEDULED MAINTENANCE TASK. IT IS A COMPONENT CHANGE CARD AND IT IS PROVIDED FOR OPERATOR CONVENIENCE DURING UNSCHEDULED MAINTENANCE ACTIVITIES. SEE APPENDIX A OF THE 767 MAINTENANCE PLANNING DATA (MPD) DOCUMENT, D622T001, FOR A DESCRIPTION OF THE COMPONENT CHANGE CARDS.</p> <p>1. <u>Remove the Engine Fuel Control Module</u></p> <p>A. References</p> <p>(1) AMM 06-41-00/201, Fuselage Access Doors and Panels</p> <p>(2) AMM 33-13-01/401, Lightplates</p> <p>(3) AMM 76-11-10/401, Control Stand Lever's Rails, Covers, and Seals</p> <p>B. Prepare to remove the engine fuel control module.</p> <p>(1) Open the access door, 113AL, for the forward equipment bay (AMM 06-41-00/201).</p> <p>WARNING: DO THE DEACTIVATION PROCEDURE FOR THE FLIGHT COMPARTMENT SEATS. INJURY TO PERSONS OR DAMAGE TO EQUIPMENT CAN OCCUR IF THE SEATS MOVE ACCIDENTALLY.</p> <p>(2) Open these circuit breakers on the main power distribution panel, P6, and attach DO-NOT-CLOSE tags to them:</p> <p>(a) 6E2, L SPAR FUEL VALVE</p> <p>(b) 6E1, R SPAR FUEL VALVE</p>	

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(c) 6H15, CAPT SEAT

(d) 6J21, F/O SEAT

(3) Open these circuit breakers on the overhead panel, P11, and attach DO-NOT-CLOSE tags to them:

(a) 11C12, STAB TRIM SHUTOFF L

(b) 11C13, STAB TRIM SHUTOFF CTR

(c) 11D11, L EEC TRIM CONT

(d) 11D12, R EEC TRIM CONT

(e) 11D25, L ENG FUEL CONT VLV AND CHAN B RESET

(f) 11D26, R ENG FUEL CONT VLV AND CHAN B RESET

C. Remove the Engine Fuel Control Module (Fig. 202).

CAUTION: BE VERY CAREFUL WHEN YOU REMOVE AND MOVE THE LIGHTPLATES AND THE CONTROL STAND COMPONENTS. DAMAGE TO THE LIGHTPLATES, SWITCHES, NUTPLATES, WIRE BUNDLES OR THE FINISH ON THE PARTS CAN OCCUR.

- (1) Do this procedure: Remove the Rails, Covers and Seals from the Control Stand Levers (AMM 76-11-10/401).
- (2) Remove the lightplate for the engine fuel control from the engine fuel control module (AMM 33-13-01/401).
- (3) Remove the lightplate for the stabilizer trim cutout from the engine fuel control module (AMM 33-13-01/401).
- (4) Disconnect the electrical connectors, P8 and P9, in the forward equipment bay behind access door 113AL.
- (5) Remove the seven bolts from the fuel control module.
- (6) Pull up on the fuel control module and move it rearward to remove it.
- (7) Carefully put the electrical connectors and the wire bundles between the thrust lever control rods and through the separator conduit.

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2. Install the Engine Fuel Control Module

A. References

- (1) AMM 06-41-00/201, Fuselage Access Doors and Panels
- (2) AMM 24-22-00/201, Electrical Power - Control
- (3) AMM 27-41-00/501, Horizontal Stabilizer Trim Control System
- (4) AMM 28-22-00/501, Engine Fuel Feed System
- (5) AMM 33-13-01/401, Lightplates
- (6) AMM 33-16-00/501, Master Dim and Test
- (7) AMM 76-11-00/501, Engine Control System
- (8) AMM 76-11-10/401, Control Stand Lever's Rails, Covers, and Seals

B. Install the Engine Fuel Control Module (Fig. 202).

CAUTION: BE VERY CAREFUL WHEN YOU INSTALL OR MOVE THE LIGHTPLATES AND THE CONTROL STAND COMPONENTS. DAMAGE TO THE LIGHTPLATES, SWITCHES, NUTPLATES, WIRE BUNDLES OR THE FINISH ON THE PARTS CAN OCCUR.

- (1) Hold the fuel control module above the control stand and put the electrical connectors and the wire bundles down through the separator conduit.
- (2) Put the electrical connectors between the thrust lever control rods and through to the disconnect panel.
- (3) Move the fuel control module forward and down on the control stand until it is in the correct position.
 - (a) Attach the fuel control module to the control stand.
- (4) Connect the electrical connectors, P8 and P9, to the panel in the forward equipment bay behind the access door, 113AL.
- (5) Do this procedure: Install the Rails, Covers and Seals on the Control Stand Levers (AMM 76-11-10/401).

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- (6) Install the lightplate for the engine fuel control on the engine fuel control module (AMM 33-13-01/401).
- (7) Install the lightplate for the stabilizer trim cutout on the engine fuel control module (AMM 33-13-01/401).
- (8) Remove the DO-NOT-CLOSE tags and close these circuit breakers on the P11 panel:
 - (a) 11D25, L ENG FUEL CONT VLV AND CHAN B RESET
 - (b) 11D26, R ENG FUEL CONT VLV AND CHAN B RESET
 - (c) 11D11, L EEC TRIM CONT
 - (d) 11D12, R EEC TRIM CONT
 - (e) 11C12, L STAB TRIM SHUTOFF
 - (f) 11C13, CTR STAB TRIM SHUTOFF
- (9) Supply electrical power (AMM 24-22-00/201).
- (10) Do this procedure: Master Dim and Test - Operational Test (AMM 33-16-00/501).

NOTE: Make sure the pushbutton switch/lights and the annunciator lights on the P10 panel come ON bright.
- (11) Do this procedure: Engine Fuel Shutoff Valve Test (AMM 28-22-00/501).
- (12) Do this procedure: Stab Trim Switch Test (AMM 27-41-00/501).
- (13) Close the access door, 113AL, for the forward equipment bay (AMM 06-41-00/201).
- (14) Make sure the REV ISLN light comes ON when you open these circuit breakers:

NOTE: Examine one circuit breaker at a time. Open the circuit breaker and stop for 3 seconds. Make sure the REV ISLN light comes ON. Then close the circuit breaker and examine the other one.

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- (a) 11D13, L ENG T/R IND
- (b) 11L33, R ENG T/R IND
- (15) Remove the DO-NOT-CLOSE tags and close these circuit breakers on the main power distribution panel, P6:
 - (a) 6E2, L SPAR FUEL VALVE
 - (b) 6E1, R SPAR FUEL VALVE
 - (c) 6H15, CAPT SEAT
 - (d) 6J21, F/O SEAT
- (16) Remove the electrical power (AMM 24-22-00/201).

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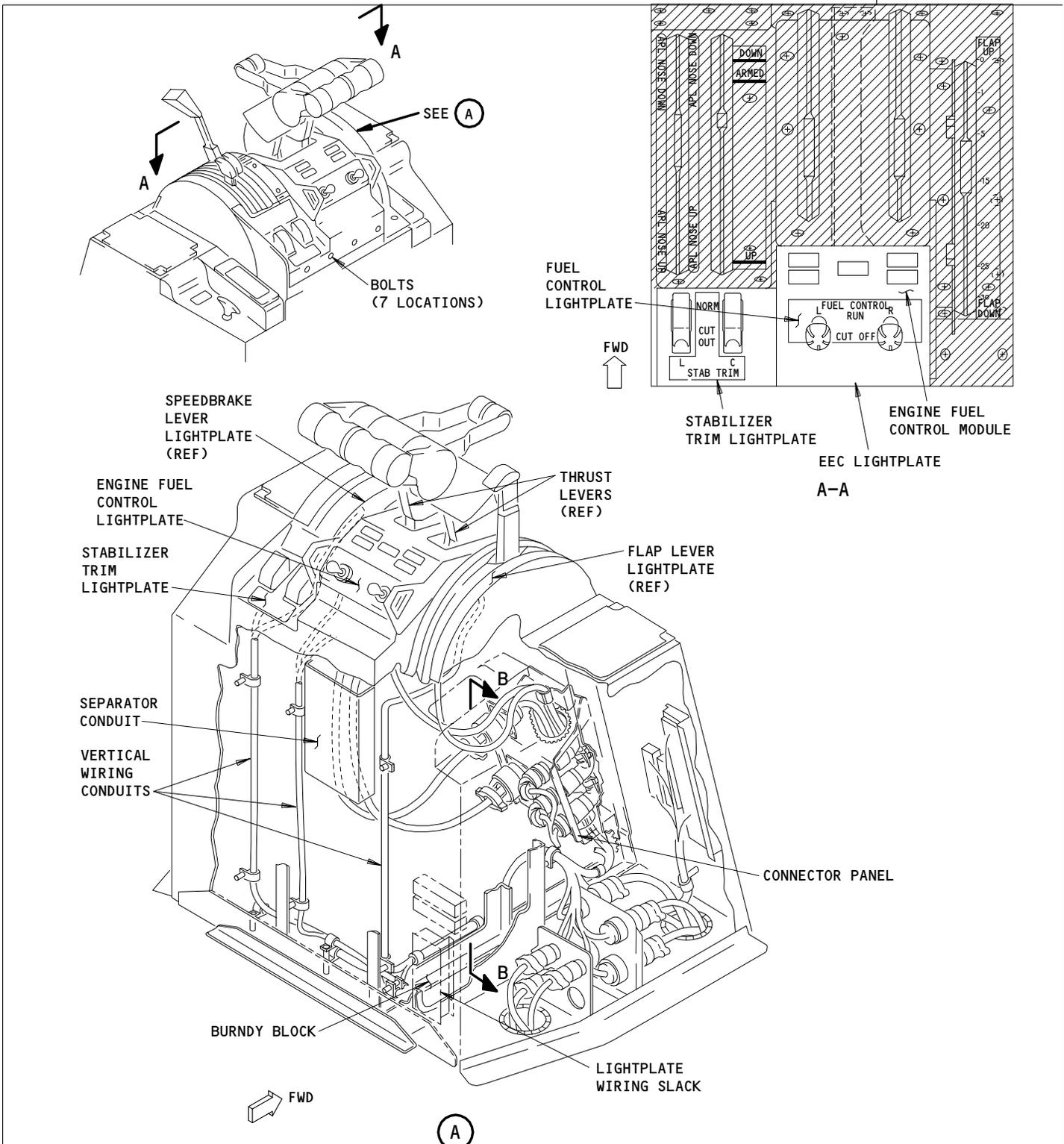
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TASK CARD

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Engine Fuel Control Module Installation
Figure 202 (Sheet 1)

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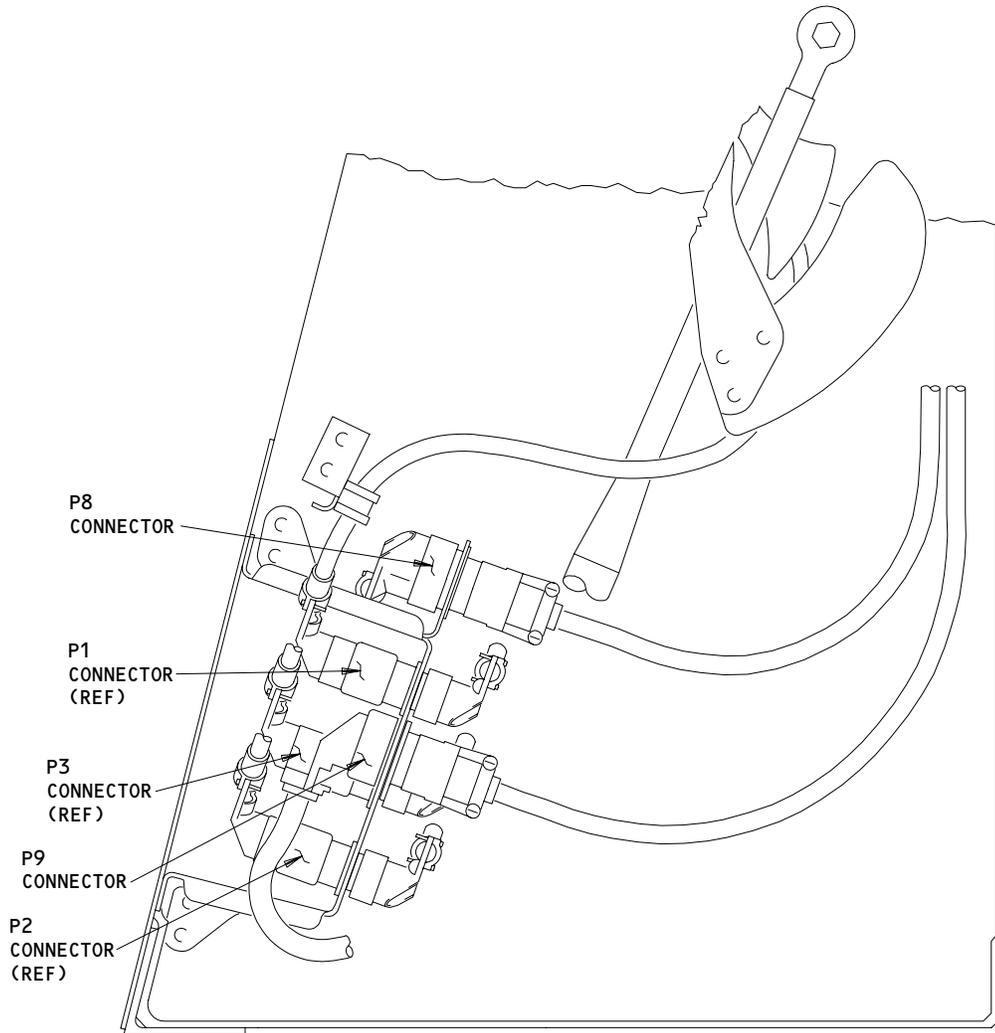
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ELECTRICAL CONNECTOR PANEL
B-B

Engine Fuel Control Module Installation
Figure 202 (Sheet 2)

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