

Boeing 767 Series Aeroplanes

AD/B767/102

Fuel Pump Conduit Sleeving Inspection

**8/98
TX**

Applicability: All Boeing Model 767 aircraft line positions 001 to 689 inclusive and 691.

- Requirement:
1. Perform a one-time visual inspection to confirm installation of Teflon sleeves over the electrical wires to the boost pumps installed inside conduits in the main and center wing tanks in accordance with Boeing Message M-7200-98-01080, dated 18 March 1998.
 2. If any Teflon sleeve is found to be missing during the inspection required by Requirement 1 of this AD inspect to detect damage to the wires, in accordance with Boeing Message M-7200-98-01080, dated 18 March 1998.
 - a. If no damage is found, install a Teflon sleeve in accordance with Boeing Message M-7200-98-01080, dated 18 March 1998.
 3. If any damage is found, inspect to detect damage to the conduits in accordance with Boeing Message M-7200-98-01080, dated 18 March 1998.
 - a. If no damage is found, replace any damaged wire and install a Teflon sleeve in accordance with Boeing Message M-7200-98-01080, dated 18 March 1998.
 - b. If any damage is found, replace any damaged wire and conduit and install a Teflon sleeve, in accordance with Boeing Message M-7200-98-01080, dated 18 March 1998.
 4. Operators are to report all instances of missing sleeving, sleeving that required rework, and any instances of damaged wiring to Boeing. The report should include the following:
 - a. the aircraft model number;
 - b. the aircraft line position;
 - c. the total number of hours time-in-service accumulated on the airplane;
 - d. the total number of flight cycles accumulated on the airplane;
 - e. a description of the area of the wiring where the sleeving was missing; and
 - f. a description of the damage found.

Note: FAA AD 98-10-10 Amdt 39-10522 dated 12 May 1998.

- Compliance:
1. For requirement 1; within 60 days of the effective date of this AD.
 2. For requirements 2 and 3; before next flight, following the requirement 1 inspection.

SCHEDULE OF AIRWORTHINESS DIRECTIVES

3. For requirement 4; within 10 days of accomplishing the required inspections and rectifications.

This airworthiness directive becomes effective on 27 May 1998.

Background: This AD requires a one-time inspection to confirm the installation of Teflon sleeves over certain electrical wires inside conduits installed in the fuel tanks and corrective actions if found necessary. This action is prompted by a report of missing Teflon sleeves which protect the wiring insulation from chafing. The actions specified in this AD are intended to prevent such chafing which could eventually expose the electrical conductor creating the potential for arcing from the wire to the conduit and consequent fuel tank fire/explosion.