

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: 2011-20100121001

Date: January 25, 2011 (revised April 7, 2011)

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

AFFECTED PRODUCTS:

All MD-11, DC-10 and MD-10 airplanes with installed Crane Boost and Transfer fuel pumps and HIRELCO hermetic connectors.

PURPOSE:

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors regarding non-conforming boost and Transfer Fuel Pump Electrical Connector Assemblies.

BACKGROUND:

Information received during a Federal Aviation Administration (FAA) Suspected Unapproved Parts (SUP) investigation indicated that there are non-conforming fuel boost pump connector assemblies, part number (PN) 60-84351 sold by Air Harbor Services in Costa Mesa, CA. Seventeen (17) of the connectors are unaccounted for and believed to be in circulation. Further investigation has revealed that the connectors are not conforming to OEM's design and once installed are arcing through inside the potting of the connector.

RECOMMENDATIONS:

Title 14 Code of Federal Regulations (CFRs) require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors are encouraged to inspect their aircraft and/or aircraft parts inventory for the referenced part number. If these connectors are found in existing inventory, it is recommended that they be quarantined to prevent installation until a determination can be made regarding their eligibility for installation.

FURTHER INFORMATION:

You can obtain further information concerning this investigation from the FAA Manufacturing Inspection District Office (MIDO) given below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above-referenced connectors from any source, the means used to identify the source, and the actions taken to remove the parts from inventories.

This notice originated from the FAA Los Angeles MIDO, 3960 Paramount Blvd., Lakewood, CA 90712, telephone (562) 627-5387, fax (562) 627-5319/5293.