

UNAPPROVED PARTS NOTIFICATION



U.S. Department
of Transportation
**Federal Aviation
Administration**

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20
13873 PARK CENTER ROAD, SUITE 165
HERNDON, VA 20171

UPNs are posted on the Internet at <http://www.faa.gov/avr/sups/upn.cfm>

No. 1999-00260
July 28, 2003

Published by: FAA, AIR-140, P.O. Box 26460, Oklahoma City, OK 73125

AFFECTED PRODUCTS

Generator diode (part numbers 938D679-11 and 938D679-12) installed in DC-10 aircraft generator (part numbers 977J150-1, 977J150-2, 977J150-3, and 977J150-4).

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors regarding nonconforming diodes sold by TIC Electro, Ltd., located at 540 Nepperhan Ave., Yonkers, NY 10701; and Gateway International Group, Inc., located at 2881 NE 32nd Street, Unit 321, Fort Lauderdale, FL 33306.

BACKGROUND

Information received during a Federal Aviation Administration (FAA) suspected unapproved parts (SUP) investigation revealed that TIC Electro, Ltd., and Gateway International Group, Inc., sold nonconforming diodes, part numbers 938D679-11 and 938679-12. These diodes were not produced by an approved source and do not conform to the specified Hamilton Sundstrand drawings. The diodes are not marked with the manufacturer's identifiers and lack the required symbol for the polarity code. The unapproved diodes can be identified by the following markings (see attached photograph):

938D679-11 9322	938D679-12 9322
938D679-11 9422	938D679-12 9422

RECOMMENDATION

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, maintenance organizations, parts suppliers, and distributors should inspect their aircraft, aircraft records, and/or parts inventories for the above-referenced diodes. If an above-referenced diode is installed in an aircraft, contact the FAA Flight Standards District Office (FSDO) listed below for guidance regarding the appropriate action to be taken. If any of the referenced diodes are found in existing parts inventory, it is recommended that the diodes be quarantined to prevent installation until a determination can be made regarding each part's eligibility for installation.

FURTHER INFORMATION

The FAA would appreciate any information concerning the discovery of the above-referenced part from any source, the means used to identify the source, and the action taken to remove the part from service. This notice originated from the Fort Lauderdale FSDO, 1050 Lee Wagener Blvd., Suite 201, Fort Lauderdale, FL 33315, telephone (954) 356-7520; and was published through the FAA SUP Program Office, AVR-20, telephone (703) 668-3720.

