

# UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



**FAA**  
Aviation Safety

No.: 2009-200700141

Date: August 4, 2009

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

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## **AFFECTED PRODUCTS:**

Diode, Transorb, BI-DIR, 15volt, 3000 watt (part number SMLJ15CA TR-T) intended for use on General Electric CFM56-7B, CF6-80, CF348C1, and GE90-115 engines.

## **PURPOSE:**

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, and aviation parts distributors regarding the above diode that may not meet the established industry or U.S. Government design specifications, may have been manufactured without FAA production approval and may be counterfeit.

## **BACKGROUND:**

During a suspected unapproved parts investigation, it was discovered that ACME Components Company, located in Beijing China, sold counterfeit SMLJ15CD TR-T diodes. The referenced diodes were improperly finished in lead, had an odd character font, a misspelled label and were identified as being manufactured in a facility that had been closed for many years prior to manufacture.

## **RECOMMENDATIONS:**

Regulations require that type-certificated products conform to their type design. Aircraft owners (including experimental), operators, manufacturers, maintenance organizations, and aviation parts distributors are encouraged to inspect their aircraft and/or parts inventories for the referenced part number. If any of the subject diodes are found in existing inventory, it is recommended the parts be quarantined to prevent installation until a conclusive determination can be made about their eligibility for installation.

## **FURTHER INFORMATION:**

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

This notice originated from the FAA Van Nuys MIDO, 7120 Hayvenhurst Ave, Suite 100, Van Nuys, CA 91406-3813, telephone (818) 904-6298, fax (818) 904-6001.