

UNAPPROVED PARTS NOTIFICATION

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20
45005 AVIATION DRIVE, SUITE 214
DULLES, VA 20166-7541



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

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

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AFFECTED PRODUCT

Pratt & Whitney JT8D engine.

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, parts distributors, and maintenance entities of the above-named engine regarding maintenance performed on number 6 bearing struts (part number 767475), which had been approved for return to service by Cadmar Aerospace, Inc., from November 1997 through September 1998. Cadmar Aerospace, Inc., a Federal Aviation Administration (FAA)-certificated repair station located at 1927 Pine Island Road, Cape Coral, FL 33991, was previously located at 1234 Viscaya Parkway, Cape Coral, FL 33990.

BACKGROUND

Information received during a suspected unapproved parts (SUP) investigation revealed that Cadmar Aerospace, Inc. (Air Agency Certificate number C6DR663J) overhauled and approved for return to service number 6 bearing struts (part number 767475) that were not overhauled in accordance with the methods, techniques, and practices prescribed in the manufacturer's manual. Irregularities included: accomplishing overhaul tasks out of sequence; not performing heat-treat and fluorescent penetrant inspections after weld repairs; and not properly blending grinding marks and impact damage.

Cadmar Aerospace, Inc., has attempted to notify its customers through recall letters; however, some of the companies notified are no longer in business. Records indicate that approximately 275 bearing struts were approved for return to service during the period of November 1997 to September 1998. Cadmar Aerospace, Inc., customers have returned approximately 20 of the bearing struts for re-inspection and/or rework.

RECOMMENDATIONS

Aircraft owners, operators, distributors, and maintenance entities should inspect all Pratt & Whitney JT8D engines, records, and spare parts for the referenced part number overhauled by Cadmar Aerospace, Inc. An electro-etched marking on the barrel of the struts identifying the part number, date, and Cadmar Aero indicates that the part should be inspected.

FURTHER INFORMATION

The FAA Flight Standards District Office (FSDO) listed below would appreciate any information that you could provide concerning the discovery of these parts from any source and the actions taken to remove them from engines and/or stock. This notice originated from the FAA Tampa FSDO, 5601 Mariner Street, Suite 310, Tampa, FL 33609-3413, telephone (813) 639-1540, fax (813) 639-1551; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 661-0581, fax (703) 661-0113.