

UNAPPROVED PARTS NOTIFICATION

NO. 98-004
December 8, 1998

AFFECTED ENGINE: General Electric models CJ610 and CF700.

PURPOSE: The purpose of this Unapproved Parts Notification is to advise all owners, operators, and maintenance entities regarding improperly repaired and counterfeit engine parts.

BACKGROUND: A suspected unapproved parts investigation revealed improperly repaired and counterfeit engine parts with accompanying false documentation. The parts were sold between January 1997 and March 1998 by 3D Industries, also known as The Engine Shop, located at 4553 Keller Road, Dallas, TX, 75248. The investigation also determined that many of these parts may have been previously scrapped, life limited military parts that were reconditioned and sold as new, serviceable commercial parts. Falsified engine logbook entries were also discovered. The number of known improperly repaired or counterfeit engine parts is estimated to be in the hundreds. The installation of these parts could result in sudden engine failure. The parts include, but are not limited to:

Torque Ring	P/N 37D401014P01
Wheel, 1 st Stage Turbine	P/N 6028T44P01 and 841B690P7
Case, Combustion	P/N 6013T84610
Disk, HPC	Various P/N for stages 1 through 8
Shell, Outer	6008T95G01
Shell, Inner	5016T30G02

RECOMMENDATION: Regulations require that type certificated products conform to their type design. Aircraft owners, operators, maintenance organizations, manufacturers, and parts suppliers should inspect their aircraft and/or aircraft parts inventory for any parts purchased, or which originated, from 3D Industries of Dallas, TX, within the above referenced time frame. Appropriate action should be taken if any of these parts have been installed on an engine. If found in existing aircraft parts stock, it is recommended they be quarantined to prevent installation in aircraft until such time they can be inspected for conformity and/or approved for return to service.

FURTHER INFORMATION: Further information may be obtained from the Federal Aviation Administration (FAA), Flight Standards District Office (FSDO) shown below. The FAA would appreciate any information regarding the discovery of the above referenced unapproved parts from any source, the means used to identify the source, and the action taken to remove them from service or stock. Also, the FAA would appreciate information concerning premature engine failures attributed to the parts purchased from 3D Industries.

This notice originated from the Dallas FSDO, 3300 Love Field Drive, Dallas, TX 75235, telephone 214-902-1825, fax 214-902-1872 and was published through the Suspected Unapproved Parts Program Office, AVR-20, telephone 703-661-0581, fax 703-661-0113.