



EASA Safety Information Notice

No.: 2006 – 06 Revision 2
Issued: 22 December 2006

Subject: 3rd Stage Low Pressure Turbine Blades P/N 798403 installed on Pratt & Whitney Engine Models JT8D-219 and JT8D-217C and repaired by Chromalloy Southwest between September 30, 2005 and September 11, 2006.

Reference AD: none

Introduction: EASA has received Chromalloy Southwest Alert Notice 1/2006, titled "JT8D-219 3rd Stage Low Pressure Turbine Blades P/N 798403", issued July 5, 2006 and amended by Amendment A/7/6/2006 to extend applicability to the JT8D-217C engine model. This document states that an operator operating Pratt & Whitney JT8D-219 engines recently experienced 3 in-flight shutdowns attributed to failure of a third stage Low Pressure Turbine (LPT) blade P/N 798403. With respect to those failures the document states the following:
All failures occurred below 360 hours and 200 cycles after overhaul.
All the failed blades were repaired by Chromalloy Southwest.
All three failures have been confined to one operator.

The document identified above includes recommendations made by Chromalloy Southwest until a cause for those failures can be positively identified. Details of those recommendations are given below.

EASA was recently notified by Chromalloy that, as of 12 September 2006, the repair process for the JT8D-217C/219 3rd stage LPT blades P/N 798403 has been reopened following completion of an internal investigation. EASA has received sufficient substantiation to amend recommendations so as to include from the present Safety Information Notice revision 2, blades repaired by Chromalloy Southwest after reopening of the repair line dated 12 September 2006.

Applicability: 3rd Stage Low Pressure Turbine Blades P/N 798403 installed on Pratt & Whitney Engine Models JT8D-219 and JT8D-217C and repaired by Chromalloy Southwest between September 30, 2005 and September 11, 2006.

Recommendations: 1. PARTS NOT YET INSTALLED
Any JT8D-219/JT8D-217C 3rd stage LPT blades repaired by Chromalloy Southwest between September 30, 2005 and September 11, 2006 and not yet installed in an engine should be returned to Chromalloy Southwest.

2. PARTS ALREADY INSTALLED

Any Pratt & Whitney JT8D-219/JT8D-217C engines containing 3rd stage LPT blades repaired by Chromalloy Southwest between September 30, 2005 and September 11, 2006 and having less than 500 hours or 200 cycles since overhaul should be removed from service.

Contact:

For further information please contact Chromalloy Southwest Customer Service, 1777 Stergios Road, Calexico, California 92231, Phone: (+1)-(760)-768-3703, Fax: (+1)-(760)-768-3799 or send an e-mail to ADs@easa.europa.eu.

CANCELLED