

**2010-09-08 General Electric Company (GE):** Amendment 39-16273. Docket No. FAA-2009-0502; Directorate Identifier 2009-NE-02-AD.

### **Effective Date**

(a) This airworthiness directive (AD) becomes effective May 28, 2010.

### **Affected ADs**

(b) None.

### **Applicability**

(c) This AD applies to GE CJ610 series turbojet and CF700 series turboprop engines with AFT Technologies combustion liner, part number (P/N) AFT-5016T30G02, installed. These engines are installed on, but not limited to, Learjet Inc. model 24 series and model 25 series airplanes, Dassault Aviation Fan Jet Falcon series airplanes, and Sabreliner Corporation NA-265-70 and NA-265-80 series airplanes.

### **Unsafe Condition**

(d) This AD results from a report of an AFT Technologies combustion liner that released a large section of the inner combustion liner and reports of six combustion liners with premature cracks. We are issuing this AD to prevent premature cracks in the combustion liner, which could release pieces of the inner combustion liner. A release of pieces of the inner combustion liner could cause an uncontained failure of the engine turbine and damage to the airplane.

### **Compliance**

(e) You are responsible for having the actions required by this AD performed within the compliance times specified unless the actions have already been done.

### **Replacement of AFT Technologies Combustion Liner P/N AFT-5016T30G02**

(f) For engines that have an AFT Technologies combustion liner, P/N AFT-5016T30G02, with fewer than 200 hours-since-new (HSN) or 300 cycles-since-new (CSN), remove the AFT Technologies combustion liner, P/N AFT-5016T30G02, before exceeding 200 HSN or 300 CSN, whichever occurs first.

(g) For engines that have an AFT Technologies combustion liner, P/N AFT-5016T30G02, with 200 HSN or more or 300 CSN or more, remove the AFT Technologies combustion liner, P/N AFT-5016T30G02, within 15 hours-in-service or 10 cycles-in-service, after the effective date of this AD, whichever occurs first.

(h) After the effective date of this AD, don't install any AFT Technologies combustion liner, P/N AFT-5016T30G02, in any engine.

### **Alternative Methods of Compliance**

(i) The Manager, New York Aircraft Certification Office, has the authority to approve alternative methods of compliance for this AD if requested using the procedures found in 14 CFR 39.19.

### **Related Information**

(j) Contact Norman Perenson, Aerospace Engineer, New York Aircraft Certification Office, FAA, Engine & Propeller Directorate, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; e-mail: [norman.perenson@faa.gov](mailto:norman.perenson@faa.gov); telephone (516) 228-7337; fax (516) 794- 5531, for more information about this AD.

### **Material Incorporated by Reference**

(k) None.