

2009-24-04 Rolls-Royce Corporation (formerly Allison Engine Company): Amendment 39-16091. Docket No. FAA-2009-0246; Directorate Identifier 2009-NE-04-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective December 28, 2009.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Rolls-Royce Corporation (RRC) AE 3007A1/ 1, AE 3007A1/3, AE 3007A1, AE 3007A1E, AE 3007A1P, AE 3007A3, AE 3007C, and AE 3007C1 turbofan engines with a fan spinner part number (P/N) 23070964 or P/N 23078783, installed. These engines are installed on, but not limited to, Embraer EMB-135, EMB-145, and Cessna Citation X airplanes.

Unsafe Condition

(d) This AD results from a report of a fan spinner releasing from an AE 3007A turbofan engine during flight. We are issuing this AD to prevent the fan spinner from releasing, which could result in injury, damage to the engine, 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 the Fan Spinner

(f) For RRC AE 3007A1/1, AE 3007A1/3, AE 3007A1, AE 3007A1E, AE 3007A1P, and AE 3007A3 turbofan engines, remove fan spinner P/N 23070964 or P/N 23078783 at the next shop visit, but no later than 4,000 additional cycles-in-service (CIS) after the effective date of this AD, and install an approved P/N fan spinner.

(g) For RRC AE 3007C and AE 3007C1 turbofan engines, remove fan spinner P/N 23070964 or P/N 23078783 at the next shop visit, but no later than 4,000 additional CIS after the effective date of this AD, and install an approved P/N fan spinner.

Fan Spinner Installation Prohibition

(h) After the effective date of this AD, do not install any fan spinner P/N 23070964 or P/N 23078783 on any Rolls Royce Corporation engine.

Definition

(i) For the purpose of this AD, a shop visit is induction of the engine into the engine maintenance shop for any cause.

Alternative Methods of Compliance

(j) The Manager, Chicago 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

(k) Contact Michael Downs, Aerospace Engineer, Chicago Aircraft Certification Office, FAA, Small Airplane Directorate, 2300 East Devon Avenue, Des Plaines, IL 60018; e-mail: michael.downs@faa.gov; telephone: (847) 294-7870; fax: (847) 294-7834, for more information about this AD.

(l) Rolls-Royce Corporation Service Bulletin (SB) No. AE 3007A- 72-361, dated June 26, 2008, and SB No. AE 3007C-72-285, dated June 26, 2008, pertain to the subject of this AD. Contact Rolls-Royce Corporation, P.O. Box 420, Indianapolis, IN 46206; telephone (317) 230-3774; fax (317) 230-8084; e-mail: indy.pubs.services@rolls-royce.com, for a copy of this service information.

Material Incorporated by Reference

(m) None.