

**What Airplanes Are Affected by This AD?**

(c) This AD affects the following airplane models that are:

- (1) Modified to incorporate supplemental type certificate (STC) SA1608NM (Machen Inc. Kit No. 76-1, Auxiliary Fuel Tank); and  
(2) certificated in any category.

Model	Serial Nos.
PA-60-600 .....	All.

Model	Serial Nos.
PA-60-601 .....	All.
PA-60-601P .....	All.
PA-60-602P .....	All.
PA-60-700P .....	All.

**What Is the Unsafe Condition Presented in This AD?**

(d) This AD is the result of reports of fuel leaking from the fuel transfer pumps. We are

issuing this AD to detect and correct leaks in the auxiliary fuel transfer pumps, which could result in fire or explosion in the cargo/passenger compartment. Such a condition could result of loss of the airplane.

**What Must I Do To Address This Problem?**

(e) To address this problem, you must accomplish the following:

Actions	Compliance	Procedures
(1) Inspect all auxiliary fuel tank transfer pumps for leaking, seeping, and any signs of staining.	Within the next 10 hours time-in-service (TIS) after November 17, 2003 (the effective date of this AD). Repetitively inspect thereafter at intervals not to exceed 50 hours TIS.	In accordance with Machen Inc. Service Bulletin SB 76-009, dated August 1, 2003.
(2) Replace any auxiliary fuel transfer pump that is leaking, seeping, or has any signs of staining.	Prior to further flight after any inspection required in paragraph (e)(1) of this AD in which leaking, seeping, or any signs of staining is found.	In accordance with Machen Inc. Service Bulletin SB 76-009, dated August 1, 2003.

**What About Alternative Methods of Compliance?**

(f) You may request a different method of compliance or a different compliance time for this AD by following the procedures in 14 CFR 39.13. Send your request to the Manager, Seattle ACO, FAA. For information on any already approved alternative methods of compliance, contact Richard Simonson, Aerospace Engineer, FAA, Seattle Aircraft Certification Office, 1601 Lind Avenue SW, Renton, Washington 98055; telephone: (425) 917-6507; facsimile: (425) 917-6590.

**Is There Material Incorporated by Reference?**

(g) You must do the actions required by this AD per Machen Inc. Service Bulletin SB 76-009, dated August 1, 2003. The Director of the Federal Register approved the incorporation by reference of this service bulletin in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. You may get a copy from Machen Inc., 10555 Airport Drive, Hayden Lake, Idaho 83835; telephone: (208) 762-7814; facsimile: (208) 762-8349. You may review copies at FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri 64106; or at the Office of the Federal Register, 800 North Capitol Street, NW, suite 700, Washington, DC.

Issued in Kansas City, Missouri, on October 17, 2003.

**Michael Gallagher,**

*Manager, Small Airplane Directorate, Aircraft Certification Service.*

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**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

**[Docket No. 2003-NE-33-AD; Amendment 39-13351; AD 2003-22-04]**

**RIN 2120-AA64**

**Airworthiness Directives; Rolls-Royce plc RB211-524 Series Turbofan Engines**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule; request for comments.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for Rolls-Royce plc (RR) RB211-524 series turbofan engines with certain part number (PN) and serial number (SN) low pressure (LP) compressor fan blades installed. This AD requires inspection of certain LP compressor fan blade roots and replacement or repair of blades if damage is not within acceptable limits. This AD is prompted by the discovery of damaged LP compressor fan blade roots resulting from entrapment of ceramic polishing media between the blade roots and the masking boot during blade root repair. We are issuing this AD to prevent possible uncontained multiple LP compressor fan blade release, and damage to the airplane.

**DATES:** Effective November 12, 2003. The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of November 12, 2003.

We must receive any comments on this AD by December 29, 2003.

**ADDRESSES:** Use one of the following addresses to submit comments on this AD:

- *By mail:* The Federal Aviation Administration (FAA), New England Region, Office of the Regional Counsel, Attention: Rules Docket No. 2003-NE-33-AD, 12 New England Executive Park, Burlington, MA 01803-5299.

- *By fax:* (781) 238-7055.

- *By e-mail:* 9-ane-adcomment@faa.gov

You can get the service information referenced in this AD from Rolls-Royce plc, PO Box 31, Derby, England; telephone: International Access Code 011, Country Code 44, 1332-249428, fax International Access Code 011, Country Code 44, 1332-249223.

You may examine the AD docket, by appointment, at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA. You may examine the service information, by appointment, at the FAA, New England Region, Office of the Regional Counsel, 12 New England Executive Park, Burlington, MA; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:** James Lawrence, Aerospace Engineer, Engine Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7176; fax (781) 238-7199.

**SUPPLEMENTARY INFORMATION:** The Civil Aviation Authority (CAA), which is the airworthiness authority for the United Kingdom (UK), recently notified the FAA that an unsafe condition may exist on certain RR RB211-524 series turbofan engines. The CAA received