

inspect the LP fuel tube, P/N JR33021A, for fretting in accordance with 3.C.1. through 3.C.11. of the Accomplishment Instructions of RRD SB TAY-73-1553, Revision 1, dated December 13, 2002; at intervals not to exceed 2,000 hours TIS since the last inspection.

Alternative Methods of Compliance

(f) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Engine Certification Office (ECO). Operators must

submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, ECO.

Note 2: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the ECO.

Special Flight Permits

(g) Special flight permits may be issued in accordance with §§ 21.197 and 21.199 of the

Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be done.

Documents That Have Been Incorporated by Reference

(h) The inspections must be done in accordance with the following Rolls-Royce Deutschland Ltd. & Co KG service bulletins (SB's):

Document No.	Pages	Revision	Date
SB TAY-73-1540—Total pages: 9	All	1	September 13, 2002.
SB TAY-73-1553—Total pages: 10	All	1	December 13, 2002.

The incorporation by reference of SB TAY-73-1540, Revision 1, dated September 13, 2002, was approved by the Director of the Federal Register on December 18, 2002 (67 FR 71814; December 3, 2002). The incorporation by reference of SB TAY-73-1553, Revision 1, dated December 13, 2002, was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Rolls-Royce Deutschland Ltd. & Co KG, Eschenweg 11, D-15827 DAHLEWITZ, Germany; telephone 49 (0) 33-7086-1768; fax 49 (0) 33-7086-3356. Copies may be inspected 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.

Note 3: The subject of this AD is addressed in LBA airworthiness directives AD No. 2002-331, dated September 13, 2002, and AD No. 2002-358, dated November 28, 2002.

Effective Date

(i) This amendment becomes effective on March 26, 2003.

Issued in Burlington, Massachusetts, on March 4, 2003.

Jay J. Pardee,

Manager, Engine and Propeller Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2002-CE-50-AD; Amendment 39-13078; AD 2003-05-02]

RIN 2120-AA64

Airworthiness Directives; Lindstrand Balloons Ltd Fuel Hoses

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD) that applies to all aircraft (specifically balloons) that incorporate certain Lindstrand Balloons Ltd (Lindstrand) fuel hoses. This AD requires you to inspect for certain batches of installed fuel hoses and replace any of these fuel hoses. This AD is the result of mandatory continuing airworthiness information (MCAI) issued by the airworthiness authority for the United Kingdom. The actions specified by this AD are intended to detect and replace defective fuel hoses before they result in propane fuel leaks. Such propane fuel leaks could lead to a propane fuel fire.

DATES: This AD becomes effective on May 2, 2003.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in the regulations as of May 2, 2003.

ADDRESSES: You may get the service information referenced in this AD from Lindstrand Balloons Ltd, Maesbury Road, Oswestry, Shropshire SY 10 8ZZ, England; telephone: +44 (0) 1691-671717; facsimile: +44 (0) 1691-671122. You may view this information at the Federal Aviation Administration (FAA), Central Region, Office of the Regional Counsel, Attention: Rules Docket No. 2002-CE-50-AD, 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.

FOR FURTHER INFORMATION CONTACT:

Roger Chudy, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4140; facsimile: (816) 329-4090.

SUPPLEMENTARY INFORMATION:

Discussion

What Events Have Caused This AD?

The Civil Aviation Authority (CAA), which is the airworthiness authority for the United Kingdom, recently notified FAA that an unsafe condition may exist on aircraft (specifically balloons) that incorporate certain Lindstrand fuel hoses. The CAA reports six incidents of 3/8-inch bore fuel supply hoses, batch identification number FHL 38381 or FHL 40579, failing in service.

The typical failure observed is of liquid fuel escaping at any position along the length of the hose and through the pinpricking on the outer surface. The leakage observed varies from small bubbles, when leak detection fluid is used on the surface of the hose, to visible jets of liquid propane.

What Is the Potential Impact if FAA Took No Action?

Such propane fuel leaks could lead to a propane fuel fire.

Has FAA Taken Any Action to This Point?

We issued a proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that would apply to all aircraft (specifically balloons) that incorporate certain Lindstrand fuel hoses. This proposal was published in the **Federal Register** as a notice of proposed rulemaking (NPRM) on December 4, 2002 (67 FR 72119). The NPRM proposed to require you to inspect for certain batches of installed fuel hoses and replace any of these fuel hoses.

Was the Public Invited To Comment?

The FAA encouraged interested persons to participate in the making of this amendment. We did not receive any comments on the proposed rule or on our determination of the cost to the public.