

Smoke Check

(a) Do the following in accordance with Turbomeca Artouste III Alert Service Bulletin (ASB) No. A218 72 0099, Update 1, dated June 6, 2001:

(1) After the last flight of every day, check for smoke emission through the exhaust pipe, air intake, or turbine casing drain during rundown.

(2) If smoke is detected, inspect for fuel flow in accordance with paragraph 2.B.(1) and 2.B.(2) of the ASB.

(i) If fuel flow is not detected, remove the engine from service and replace with a serviceable engine before further flight.

(ii) If fuel flow is detected, remove the electric fuel cock from service and replace with a serviceable part in accordance with section 2.B.(4) and 2.B.(5) of the referenced ASB.

(iii) Before entry into service, perform an engine ground run and check the fuel system again for smoke emission through the exhaust pipe, air intake, or turbine casing drain during engine rundown and after shutdown. If smoke emission still remains after replacement of the electric fuel cock,

before further flight, remove the engine from service and replace with a serviceable engine.

Central Labyrinth Inspection

(b) If the central labyrinth has not been inspected or replaced since engine accumulation of 1,500 flight hours (FH) or more time-since-new (TSN) or time-since-last-overhaul (TSO), perform the checks and inspections, and, if necessary, replace the central labyrinth, in accordance with paragraph 2 of the Instructions of Turbomeca Artouste III ASB No. A218 72 0100, Update 1, dated March 13, 2001 and the following Table 1:

TABLE 1.—INSPECTION SCHEDULE

For engine hours TSN, or TSO that are:	And cycles/FH ratio is:	Then inspect central labyrinth:
(1) More than 1,500 but fewer than 2,000.	(i) Above 2 cycles	Within 250 FH time-in-service (TIS) after the effective date of this AD.
(2) 2,000 or more	(ii) Below or equal to 2 cycles Not applicable	Within 500 FH TIS after the effective date of this AD. Within 50 FH TIS or 6 months after the effective date of this AD, whichever occurs first.

(c) For the purpose of this AD, a serviceable engine is defined as an engine that does not exhibit smoke emission.

Alternative Methods of Compliance

(d) 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 request 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

(e) 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 helicopter to a location where the requirements of this AD can be done.

Documents That Have Been Incorporated by Reference

(f) The checks, inspections, and replacements must be done in accordance with the following Turbomeca Artouste III alert service bulletins (ASB's):

Document No.	Pages	Revision	Date
ASB A218 72 0099	All	1	June 6, 2001.
Total pages: 5			
ASB A218 72 0100	All	1	March 13, 2001.
Total pages: 7			

These incorporations by reference were 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 Turbomeca, 40220 Tarnos, France; telephone +33 05 59 64 40 00; fax +33 05 59 64 60 80. 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 Direction Generale de L'Aviation Civile airworthiness directive 2001-235(A), dated June 13, 2001.

Effective Date

(g) This amendment becomes effective on December 13, 2002.

Issued in Burlington, Massachusetts, on October 28, 2002.

Jay J. Pardee,
Manager, Engine and Propeller Directorate,
Aircraft Certification Service.
[FR Doc. 02-28114 Filed 11-7-02; 8:45 am]
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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NE-57-AD; Amendment 39-12938; AD 2002-22-12]

RIN 2120-AA64

Airworthiness Directives; Titeflex Corporation

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), that is applicable to certain Titeflex Corporation high-pressure and medium-pressure hoses. This amendment requires inspecting certain Titeflex hoses for a date of manufacture, and if necessary, replacing the hose with a serviceable part. This amendment is prompted by reports of hoses that failed to meet the fire test requirements during laboratory testing. The actions specified by this AD are intended to prevent failure of a hose when exposed to fire.

DATES: Effective December 13, 2002. The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of December 13, 2002.

ADDRESSES: The service information referenced in this AD may be obtained from Titeflex Corporation, 603 Hendee

Street, P.O. Box 90054, Springfield, MA 01139; telephone (413) 271-8244. This information may be examined, by appointment, at the Federal Aviation Administration (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: Terry Fahr, Aerospace Engineer, Boston Aircraft Certification Office, FAA, Engine and Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803-5299; telephone (781) 238-7155; fax (781) 238-7199.

SUPPLEMENTARY INFORMATION: A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an AD that is applicable to certain Titeflex Corporation high-pressure and medium-pressure hoses was published in the **Federal Register** on June 3, 2002 (67 FR 38212). That action proposed to require inspecting certain Titeflex hoses for a date of manufacture, and if necessary, replacing the hose with a serviceable part, in accordance with Titeflex Corporation service bulletin (SB) 73-2, dated November 27, 2000.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comments received.

Canadair Airplanes

Two commenters state that the only Canadair airplane having suspect hoses installed is the CL-600 1A11. The commenters request that the final rule applicability be corrected to list only the Canadair CL-600 1A11 airplane.

The FAA agrees and has revised the applicability accordingly.

CFM56-5C Engine

One commenter states that the only CFM56 engine having suspect hoses installed is the CFM56-5C. The commenter requests that the final rule applicability be corrected to list only the CFM56-5C engine.

The FAA agrees and has revised the applicability accordingly.

Boeing Airplanes

One commenter states that in accordance with the Titeflex Corporation service bulletin (SB) 73-2, the applicable Boeing airplane models stated in the NPRM should have been "all Boeing models except 737-600, 737-700, 737-800, 737-900, and 777."

The FAA agrees that the NPRM is in error and in addition has verified with Boeing Co. that the applicable Boeing models are DC-8, 707, 727, 737-200, 737-200C, 747, 757, and 767 airplanes. Therefore, the final rule has been revised to list these models.

One commenter approves of the AD as proposed.

After careful review of the available data, including the comments noted above, the FAA has determined that air safety and the public interest require the adoption of the rule with the changes described previously. The FAA has determined that these changes will neither increase the economic burden on any operator nor increase the scope of the AD.

Regulatory Analysis

This final rule does not have federalism implications, as defined in Executive Order 13132, because it would not have a substantial direct effect on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. Accordingly, the FAA has not consulted with state authorities prior to publication of this final rule.

For the reasons discussed above, I certify that this action (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Incorporation by reference, Safety.

Adoption of the Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40113, 44701.

§ 39.13 [Amended]

2. Section 39.13 is amended by adding a new airworthiness directive to read as follows:

2002-22-12 Titeflex Corporation:

Amendment 39-12938. Docket No. 2000-NE-57-AD.

Applicability: This airworthiness directive (AD) is applicable to certain part number (P/N) Titeflex Corporation high-pressure and medium-pressure hoses that were fabricated at the Titeflex Springfield, MA, facility from January 1996 through June 2000. These hoses are installed on Airbus A300, A310, A340 airplanes, Boeing airplane models 707, 727, 737-200, 737-200C, 747, 757, and 767, Bombardier CL-600 1A11, BAE Avro 146 and BAE 146, McDonnell Douglas Corporation DC8 series, and Cessna 650 airplanes, and General Electric CF6-80C and CFM-56 series, and Honeywell International Inc., ALF502 and LF507 series turbofan engines.

Note 1: This AD applies to each engine identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For engines that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it.

Compliance: Compliance with this AD is required within 48 months after the effective date of this AD, unless already done.

To prevent failure of a hose when exposed to fire, do the following:

(a) Perform a general visual inspection of all high-pressure and medium-pressure hoses, with a P/N specified in paragraph 1.A. of Titeflex Corporation service bulletin (SB) 73-2.

(b) If the hose has a brown, integral firesleeve, no further action is required. If the hose has an orange, slip-on firesleeve, then inspect the metal tag for the assembly location.

(1) If the assembly location on the metal tag is TITEFLEX/API, TITEFLEX/API LGB, TITEFLEX E, TITEFLEX EUROPE, or SHAC 1S353, no further action is required.

(2) If the assembly location on the metal tag is TITEFLEX, inspect for a date and disposition as specified in the following Table:

If the hose is	And the date is	Then
(i) High-pressure	(A) Before January 1996 or after June 2000 (B) January 1996 through June 2000	No further action is required. Replace hose with a serviceable part.
(ii) Medium-pressure	(A) Before February 2000 or after May 2000 (B) February 2000 through May 2000	No further action is required. Replace hose with a serviceable part.

Definition of a Serviceable Hose

(c) For the purposes of this AD, a serviceable hose is defined as a hose that has an assembly location listed in paragraph (b)(1) of this AD, that has an integral brown firesleeve, as a high-pressure hose that was fabricated before January 1996 or after June 2000, and as a medium-pressure hose that was fabricated before February 2000 or after May 2000.

Alternative Methods of Compliance

(d) 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, Boston Aircraft Certification Office (ACO). Operators must submit their request through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Boston ACO.

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

Special Flight Permits

(e) 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

(f) The inspections and replacements must be done in accordance with Titeflex Corporation service bulletin (SB) 73-2, dated November 27, 2000. This incorporation by reference 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 Titeflex Corporation, 603 Hendee Street, P.O. Box 90054, Springfield, MA 01139, telephone (413) 271-8244. 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.

Effective Date

(g) This amendment becomes effective on December 13, 2002.

Issued in Burlington, Massachusetts, on October 28, 2002.

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. 2001-SW-42-AD; Amendment 39-12941; AD 2002-22-14]

RIN 2120-AA64

Airworthiness Directives; Bell Helicopter Textron, Inc. Model 204B, 205A, 205A-1, 205B, 212, 214B, and 214B-1 Helicopters

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment supersedes an existing airworthiness directive (AD) for specified Bell Helicopter Textron, Inc. (BHTI) model helicopters that requires reducing the retirement time for certain main rotor tension-torsion (TT) straps on those models and on the Model UH-1 series helicopters. This document contains the same requirements as the existing AD but removes the Model UH-1 series restricted category helicopters and adds the BHTI Model 205A and 205B helicopters to the applicability. This amendment is prompted by the issuance of a separate AD for the Model UH-1 series helicopters and the need to add the BHTI Model 205A and 205B helicopters to the applicability because the affected straps are eligible for installation on these model helicopters. The actions specified by this AD are intended to prevent failure of a TT strap, loss of a main rotor blade, and subsequent loss of control of the helicopter.

DATES: Effective December 13, 2002.

FOR FURTHER INFORMATION CONTACT: Michael Kohner, Aviation Safety Engineer, FAA, Rotorcraft Directorate, Rotorcraft Certification Office, Fort Worth, Texas 76193-0170, telephone (817) 222-5447, fax (817) 222-5783.

SUPPLEMENTARY INFORMATION: A proposal to amend 14 CFR part 39 to include an AD for specified model helicopters was published in the **Federal Register** on May 21, 2002 (67 FR 35763). On July 31, 1980, the FAA issued AD 80-17-09, Amendment 39-3876 (45 FR 54014, August 14, 1980), Docket No. 80-ASW-25. That AD

requires replacing certain TT straps on or before attaining 1200 hours time in service (TIS) or 24 months, whichever occurs first, for the BHTI Model 204B, 205A-1, 212, 214B, 214B-1, and the Model UH-1 series military helicopters. That action was prompted by an offshore accident of a BHTI Model 212 helicopter in which a TT strap reportedly failed in flight after 2,140 hours TIS with resulting loss of the main rotor blade. The requirements of that AD are intended to prevent failure of a TT strap, loss of a main rotor blade, and subsequent loss of control of the helicopter.

Since the issuance of that AD, a separate AD was issued (67 FR 61771, October 2, 2002) for the military surplus restricted category helicopters that includes the Model UH-1 series helicopters, hence the removal of the Model UH-1 series helicopters from the applicability of this AD. Also, further review indicates that the affected TT straps are eligible for installation on the BHTI Model 205A and 205B helicopters. Therefore, this AD includes those models in the applicability.

To further address this unsafe condition that is likely to exist or develop on other helicopters of these same type designs, this AD supersedes AD 80-17-09. This AD contains the requirements of AD 80-17-09 but changes the applicability by removing the restricted category Model UH-1 series helicopters and adding the BHTI Model 205A and 205B helicopters.

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were received on the proposal or the FAA's determination of the cost to the public. The FAA has determined that air safety and the public interest require the adoption of the rule as proposed except for minor editorial changes. These changes will neither increase the economic burden on operators nor increase the scope of the AD.

The FAA estimates that this AD will affect 168 helicopters of U.S. registry. The FAA also estimates that it will take 8 work hours to replace the TT straps at an average labor rate of \$60 per work hour. The TT straps will cost approximately \$10,484 per helicopter. Based on these figures, the total cost