

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend 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 removing amendment 39-13191 (68 FR 35152, June 12, 2003), and by adding a new airworthiness directive (AD), to read as follows:

Bombardier, Inc. (Formerly Canadair):
Docket 2003-NM-159-AD. Supersedes AD 2003-12-06, Amendment 39-13191.

Applicability: Model CL-600-2C10 (Regional Jet Series 700 & 701) series airplanes, serial numbers 10004 through 10119 inclusive; certificated in any category.

Compliance: Required as indicated, unless accomplished previously.

To prevent the wing anti-ice (WAI) ducts from collapsing, cracking, or rupturing, consequent leakage of hot air in the under-floor pressurized area of the fuselage when the anti-ice system is turned on, insufficient heat for the anti-ice system, and aerodynamic degradation, accomplish the following:

Referenced Service Information

(a) The term "service bulletin," as used in this AD, means the Accomplishment Instructions of CRJ 700/900 Series Regional Jet (Bombardier) Alert Service Bulletin A670BA-30-007, Revision A, dated April 15, 2003, including Appendices A and B, dated March 18, 2003.

Restatement of Requirements of AD 2003-12-06, Amendment 39-13191**Airplane Flight Manual (AFM) Revision**

(b) Within 48 hours after June 27, 2003 (the effective date of AD 2003-12-06, amendment 39-13191), revise the Limitations Section of the CRJ 700 AFM to include the following (this may be accomplished by inserting a copy of this AD into the AFM):

"1. Anti-Ice Bleed Leak Detection Controller (AILC) Channels (*see Note 1*):

Flight with "WING A/I FAULT" status message on the engine indication and crew alerting system (EICAS) is not authorized, except as follows:

One may be inoperative as indicated by "WING A/I FAULT" status message on EICAS provided:

(a) Wing Anti-Ice switch is selected OFF, and

(b) Operations are not conducted into known or forecast icing conditions.

2. Wing/Fuselage Anti-Ice Bleed Leak Detection Loops (*see Note 1*):

Flight with Wing/Fuselage Anti-Ice Bleed Leak Detection Loops inoperative is not authorized, except as follows:

One loop (A or B) may be inoperative provided:

(a) Wing Anti-Ice switch is selected OFF, and

(b) Operations are not conducted into known or forecast icing conditions.

Note 1: This limitation supersedes the Master Minimum Equipment List (M MEL)." "

Detailed Inspection and Corrective Actions if Necessary

(c) Within 150 flight hours after June 27, 2003, do a detailed inspection to detect damage of the four WAI ducts and to determine if the external shrouds of the WAI ducts are open or cracked, per the alert service bulletin.

(1) If no discrepancy is found, no further action is required by this paragraph.

(2) If any external shroud of a WAI duct is found open or cracked, before further flight, inspect the surrounding equipment and structure per a method approved by the Manager, New York Aircraft Certification Office (ACO), FAA, or Transport Canada Civil Aviation (TCCA) (or its delegated agent).

(3) If any damaged WAI duct is found, before further flight, replace the WAI duct with a new duct or a duct with the same part number (P/N) that is free of any dent, crease, or other handling damage, per the alert service bulletin.

Note 1: For the purposes of this AD, a detailed inspection is defined as: "An intensive visual examination of a specific structural area, system, installation, or assembly to detect damage, failure, or irregularity. Available lighting is normally supplemented with a direct source of good lighting at intensity deemed appropriate by the inspector. Inspection aids such as mirror, magnifying lenses, *etc.*, may be used. Surface cleaning and elaborate access procedures may be required."

Reporting Requirement

(d) Submit a report of the results of the inspection required by paragraph (c) of this AD per the alert service bulletin specified in paragraph (c) of this AD. Information collection requirements contained in this AD have been approved by the Office of Management and Budget (OMB) under the provisions of the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 *et seq.*) and have been assigned OMB Control Number 2120-0056.

(1) If the inspection was done after June 27, 2003: Submit the report within 14 days after the inspection.

(2) If the inspection was accomplished prior to June 27, 2003: Submit the report within 14 days after June 27, 2003.

New Requirements of This AD**Terminating Action**

(e) Within 1,500 flight hours after the effective date of this AD, replace all four WAI

ducts with new ducts having P/N GG670-80504-5 or -6, or P/N GG670-80312-3 or -4, as applicable, per the service bulletin. Replacement of all four WAI ducts terminates the requirements of this AD. After doing the replacement, the AFM revision required by paragraph (b) of this AD may be removed.

Alternative Methods of Compliance

(f) In accordance with 14 CFR 39.19, the Manager, New York ACO, FAA, is authorized to approve alternative methods of compliance for this AD.

Note 2: The subject of this AD is addressed in Canadian airworthiness directive CF-2003-07, effective on March 25, 2003.

Issued in Renton, Washington, on August 18, 2003.

Kyle L. Olsen,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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

[Docket No. 2003-SW-15-AD]

RIN 2120-AA64

Airworthiness Directives; Eurocopter France Model AS332C, C1, L, L1, AS350B, BA, B1, B2, B3 and D, and AS355E, F, F1, F2 and N Helicopters

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes adopting a new airworthiness directive (AD) for the specified Eurocopter France (Eurocopter) model helicopters that have a Breeze 300-pound electric hoist (hoist) installed. This proposal would require modifying and re-identifying the hoist operator control unit and replacing certain fuses. This proposal is prompted by a test of a hoist that revealed an anomaly in the electrical control circuit. The actions specified by this proposed AD are intended to prevent failure of the hoist pyrotechnic squib electrical control unit, lack of adequate current to activate the hoist pyrotechnic squib, an inability of the pilot to cut the rescue hoist cable in the event of cable entanglement or other emergency, and subsequent loss of control of the helicopter.

DATES: Comments must be received on or before October 21, 2003.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Office of the