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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2008-0674; Directorate Identifier 2008-NM-086-AD; Amendment 39-15675; AD 2008-19-08]

RIN 2120-AA64

Airworthiness Directives; Dassault Model Falcon 10 Airplanes

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: The FAA is superseding an existing airworthiness directive (AD), which applies to all Avions Marcel Dassault-Breguet Model Falcon 10 airplanes. That AD currently requires either revising the airplane flight manual and installing a placard in the flight deck to prohibit flight into known or forecasted icing conditions, or repetitively inspecting for delamination of the flexible hoses in the wing (slat) anti-icing system and performing corrective actions if necessary. The existing AD also requires replacement of the flexible hoses installed in the slat anti-icing systems, which ends the repetitive inspections. This new AD continues to require replacement of the flexible hoses installed in the slat anti-icing systems with new hoses, but at intervals defined in flight hours instead of flight cycles. This AD results from information we received from operators and the airplane manufacturer indicating that the repetitive interval for the required replacement deviated from the referenced service information. We are issuing this AD to prevent collapse of the flexible hoses in the slat anti-icing system, which could lead to insufficient anti-icing capability and, if icing is encountered in this situation, could result in reduced controllability of the airplane.

DATES: This AD becomes effective October 27, 2008.

On October 11, 2007 (72 FR 51161, September 6, 2007), the Director of the Federal Register approved the incorporation by reference of Dassault Service Bulletin F10-313, Revision 1, dated May 10, 2006.

ADDRESSES: For service information identified in this AD, contact Dassault Falcon Jet, P.O. Box 2000, South Hackensack, New Jersey 07606.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov>; or in person at the Docket Management Facility between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this AD, the regulatory evaluation, any comments received, and other information. The address for the Docket Office (telephone 800-647-5527) is the Document Management Facility, U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1137; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

Discussion

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to include an AD that supersedes AD 2007-18-08, amendment 39-15188 (72 FR 51161, September 6, 2007). The existing AD applies to all Avions Marcel Dassault-Breguet Model Falcon 10 airplanes. That NPRM was published in the Federal Register on June 27, 2008 (73 FR 36473). That NPRM proposed to continue to require either revising the airplane flight manual and installing a placard in the flight deck to prohibit flight into known or forecasted icing conditions, or repetitively inspecting for delamination of the flexible hoses in the wing (slat) anti-icing system and performing corrective actions if necessary. That NPRM also proposed to require replacement of the flexible hoses installed in the slat anti-icing systems with new hoses, but at intervals defined in flight hours instead of flight cycles.

Comments

We provided the public the opportunity to participate in the development of this AD. No comments have been received on the NPRM or on the determination of the cost to the public.

Conclusion

We have carefully reviewed the available data and determined that air safety and the public interest require adopting the AD as proposed.

Costs of Compliance

The following table provides the estimated costs for U.S. operators to comply with this AD. The average labor rate is \$80 per work hour.

Estimated Costs					
Action	Work hours	Parts	Cost per airplane	Number of U.S.-registered airplanes	Fleet cost
Hose replacement	8	\$880	\$1,520, per replacement cycle	Up to 146	Up to \$221,920, per replacement cycle

Authority for This Rulemaking

Title 49 of the United States Code specifies the FAA's authority to issue rules on aviation safety. Subtitle I, Section 106, describes the authority of the FAA Administrator. Subtitle VII, Aviation Programs, describes in more detail the scope of the Agency's authority.

We are issuing this rulemaking under the authority described in Subtitle VII, Part A, Subpart III, Section 44701, "General requirements." Under that section, Congress charges the FAA with promoting safe flight of civil aircraft in air commerce by prescribing regulations for practices, methods, and procedures the Administrator finds necessary for safety in air commerce. This regulation is within the scope of that authority because it addresses an unsafe condition that is likely to exist or develop on products identified in this rulemaking action.

Regulatory Findings

We have determined that this AD will not have federalism implications under Executive Order 13132. This AD will 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.

For the reasons discussed above, I certify that this AD:

- (1) Is not a "significant regulatory action" under Executive Order 12866;
- (2) Is not a "significant rule" under 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.

We prepared a regulatory evaluation of the estimated costs to comply with this AD and placed it in the AD docket. See the ADDRESSES section for a location to examine the regulatory evaluation.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA amends 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. The Federal Aviation Administration (FAA) amends § 39.13 by removing amendment 39-15188 (72 FR 51161, September 6, 2007) and by adding the following new airworthiness directive (AD):



2008-19-08 Dassault Aviation (Formerly Avions Marcel Dassault-Breguet Aviation (AMD/BA)): Amendment 39-15675. Docket No. FAA-2008-0674; Directorate Identifier 2008-NM-086-AD.

Effective Date

- (a) This AD becomes effective October 27, 2008.

Affected ADs

- (b) This AD supersedes AD 2007-18-08.

Applicability

- (c) This AD applies to all Dassault Model Falcon 10 airplanes, certificated in any category.

Unsafe Condition

(d) This AD results from information we received from operators and the airplane manufacturer indicating that the repetitive interval for the required replacement deviated from the referenced service information. We are issuing this AD to prevent collapse of the flexible hoses in the slat anti-icing system, which could lead to insufficient anti-icing capability and, if icing is encountered in this situation, could result in reduced controllability of 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.

Certain Requirements of AD 2007-18-08

Hose Replacement

(f) Within 330 flight hours or 7 months after October 11, 2007 (the effective date of AD 2007-18-08), whichever occurs first: Replace the flexible hoses installed in the slat anti-icing system with new hoses having part number (P/N) FAL1007, in accordance with the Accomplishment Instructions of Dassault Service Bulletin F10-313, Revision 1, dated May 10, 2006. Repeat the hose replacement thereafter at intervals not to exceed 700 flight cycles, except as provided by paragraph (h) of this AD.

(g) Replacement of a hose before October 11, 2007, in accordance with Dassault Service Bulletin F10-313, dated August 10, 2005, is acceptable for compliance with the requirements of paragraph (f) of this AD.

New Requirements of This AD:

New Repetitive Interval

(h) As of the effective date of this AD, repeat the hose replacement required by paragraph (f) of this AD within 700 flight hours since the last replacement, or within 100 flight hours after the effective date of this AD, whichever occurs later, and thereafter at intervals not to exceed 700 flight hours.

Alternative Methods of Compliance (AMOCs)

(i)(1) The Manager, International Branch, ANM-116, FAA, ATTN: Tom Rodriguez, Aerospace Engineer, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98057-3356; telephone (425) 227-1137; fax (425) 227-1149; has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19.

(2) To request a different method of compliance or a different compliance time for this AD, follow the procedures in 14 CFR 39.19. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

Related Information

(j) European Aviation Safety Agency airworthiness directive 2006-0114, dated May 10, 2006, also addresses the subject of this AD.

Material Incorporated by Reference

(k) You must use Dassault Service Bulletin F10-313, Revision 1, dated May 10, 2006, to perform the actions that are required by this AD, unless the AD specifies otherwise.

(1) On October 11, 2007 (72 FR 51161, September 6, 2007), the Director of the Federal Register approved the incorporation by reference of Dassault Service Bulletin F10-313, Revision 1, dated May 10, 2006.

(2) Contact Dassault Falcon Jet, P.O. Box 2000, South Hackensack, New Jersey 07606, for a copy of this service information.

(3) You may review copies at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: <http://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued in Renton, Washington, on September 12, 2008.

Michael Kaszycki,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. E8-22033 Filed 9-19-08; 8:45 am]