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[4910-13-P]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2014-0176; Directorate Identifier 2013-NM-066-AD]

RIN 2120-AA64

Airworthiness Directives; DASSAULT AVIATION Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: We propose to adopt a new airworthiness directive (AD) for certain DASSAULT AVIATION Model FALCON 900EX airplanes. This proposed AD was prompted by our determination of the need for a revision to the airplane airworthiness limitations to introduce a corrosion prevention control program, among other changes, to the maintenance requirements and airworthiness limitations. This proposed AD would require revising the maintenance or inspection program, as applicable, to include the maintenance tasks and airworthiness limitations specified in the Airworthiness Limitations section of the airplane maintenance manual. We are proposing this AD to prevent reduced structural integrity of the airplane, and prevent reduced controllability of the airplane.

DATES: We must receive comments on this proposed AD by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: You may send comments by any of the following methods:

- Federal eRulemaking Portal: Go to <http://www.regulations.gov>. Follow the instructions for submitting comments.
- Fax: (202) 493-2251.
- Mail: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC 20590.
- Hand Delivery: U.S. Department of Transportation, Docket Operations, M-30, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue SE., Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

For service information identified in this proposed AD, contact Dassault Falcon Jet, P.O. Box 2000, South Hackensack, NJ 07606; telephone 201-440-6700; Internet <http://www.dassaultfalcon.com>. You may view this referenced service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Examining the AD Docket

You may examine the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating Docket No. FAA-2014-0176; 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 proposed AD, the regulatory evaluation, any comments received, and other information. The street address for the Docket Operations

office (telephone (800) 647-5527) is in the ADDRESSES section. Comments will be available in the AD docket shortly after receipt.

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

SUPPLEMENTARY INFORMATION:

Comments Invited

We invite you to send any written relevant data, views, or arguments about this proposed AD. Send your comments to an address listed under the ADDRESSES section. Include “Docket No. FAA-2014-0176; Directorate Identifier 2013-NM-066-AD” at the beginning of your comments. We specifically invite comments on the overall regulatory, economic, environmental, and energy aspects of this proposed AD. We will consider all comments received by the closing date and may amend this proposed AD based on those comments.

We will post all comments we receive, without change, to <http://www.regulations.gov>, including any personal information you provide. We will also post a report summarizing each substantive verbal contact we receive about this proposed AD.

Discussion

The European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Community, has issued EASA Airworthiness Directive 2013-0052, dated March 4, 2013 (referred to after this as the Mandatory

Continuing Airworthiness Information, or “the MCAI”), to correct an unsafe condition for the specified products. The MCAI states:

The airworthiness limitations and maintenance requirements for the Falcon 900EX type design relating to Falcon 900EX Easy, Falcon 900LX and Falcon 900DX variants, are included in Aircraft Maintenance Manual (AMM) chapter 5-40 and are approved by the European Aviation Safety Agency (EASA).

EASA issued AD 2008-0221

[\[http://ad.easa.europa.eu/blob/easa_ad_2008_0221_Corrected.pdf/AD_2008-0221_1\]](http://ad.easa.europa.eu/blob/easa_ad_2008_0221_Corrected.pdf/AD_2008-0221_1) to require accomplishment of the maintenance tasks and implementation of the airworthiness limitations, as specified in Dassault Aviation Falcon 900EX Easy/900LX/900DX AMM chapter 5-40 referenced DGT 113875 at revision 3.

Since that [EASA] AD was issued, Dassault Aviation issued revision 7 of Falcon 900EX Easy/900LX/900DX AMM chapter 5-40, which contains new or more restrictive maintenance requirements and/or airworthiness limitations and introduces, among others, the following changes:

- Tasks renumbering,
- Introduction of a Corrosion Prevention Control Program (CPCP),
- Revised overhaul limits for screwjack of flap actuators -3 version;
- Revised interval for checking the screw / nut play on screwjack of flap actuators -3 version;
- Removal of service life limit for screwjack of flap actuators;
- Test of flap asymmetry protection system, with an extended inspection interval;
- Inspection procedures of fuselage and wings;

- Check of overpressure tightness on pressurization control regulating valves. Compliance with this check is required by EASA AD 2008-0072, but AMM chapter 5-40 DGT 113875 at revision 7 introduces an extended inspection interval;

- Check of overpressure relief valve vacuum supply lines. The maintenance tasks and airworthiness limitations, as specified in the Falcon 900EX Easy/900LX/900DX AMM chapter 5-40, have been identified as mandatory actions for continued airworthiness of the Falcon EX Easy, Falcon 900LX and Falcon 900DX variants of the F900EX type design. Failure to comply with AMM chapter 5-40 at revision 7 may result in an unsafe condition.

For the reasons described above, this [EASA] AD requires the implementation of the maintenance tasks and airworthiness limitations, as specified in the Dassault Aviation Falcon 900EX Easy/900LX/900DX AMM chapter 5-40 DGT 113875 at revision 7.

You may examine the MCAI in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating it in Docket No. FAA-2014-0176.

Relevant Service Information

Dassault Aviation has issued Chapter 5-40, Airworthiness Limitations, DGT 113875, Revision 7, dated September 2012, of the Falcon 900 EX EASy, Falcon 900LX, and Falcon 900 DX Maintenance Manual. The actions described in this service information are intended to correct the unsafe condition identified in the MCAI.

FAA's Determination and Requirements of This Proposed AD

This product has been approved by the aviation authority of another country, and is approved for operation in the United States. Pursuant to our bilateral agreement with

the State of Design Authority, we have been notified of the unsafe condition described in the MCAI and service information referenced above. We are proposing this AD because we evaluated all pertinent information and determined an unsafe condition exists and is likely to exist or develop on other products of the same type design.

Costs of Compliance

We estimate that this proposed AD affects 78 airplanes of U.S. registry.

We estimate the following costs to comply with this proposed AD:

Estimated costs

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Maintenance Program Revision	1 work-hour X \$85 per hour = \$85	N/A	\$85	\$6,630

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 determined that this proposed AD would not have federalism implications under Executive Order 13132. This proposed AD 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.

For the reasons discussed above, I certify this proposed regulation:

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);
3. Will not affect intrastate aviation in Alaska; and
4. 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.

List of Subjects in 14 CFR Part 39

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

The Proposed Amendment

Accordingly, under the authority delegated to me by the Administrator, the FAA proposes to amend 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. Amend § 39.13 by adding the following new AD:

DASSAULT AVIATION: Docket No. FAA-2014-0176; Directorate Identifier
2013-NM-066-AD.

(a) Comments Due Date

We must receive comments by [INSERT DATE 45 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

(b) Affected ADs

This AD affects AD 2002-23-20, Amendment 39-12964 (67 FR 71098, November 29, 2002), and AD 2010-26-05, Amendment 39-16544 (75 FR 79952, December 21, 2010).

(c) Applicability

This AD applies to DASSAULT AVIATION Model FALCON 900EX airplanes, certificated in any category, serial number (S/N) 97 and S/N 120 and higher (Falcon 900EX Easy, Falcon 900LX and Falcon 900DX variants).

(d) Subject

Air Transport Association (ATA) of America Code 05, Time Limits/Maintenance Checks.

(e) Reason

This AD was prompted by a revision to the airplane airworthiness limitations to introduce the corrosion prevention control program, among other changes, to the maintenance requirements and airworthiness limitations. We are issuing this AD to prevent reduced structural integrity of the airplane, and prevent reduced controllability of the airplane.

(f) Compliance

Comply with this AD within the compliance times specified, unless already done.

(g) Revision of Maintenance Program

Within 30 days after the effective date of this AD, revise the maintenance or inspection program, as applicable, to incorporate the information specified in Chapter 5-40, Airworthiness Limitations, DGT 113875, Revision 7, dated September 2012, of the Falcon 900 EX EASy, Falcon 900LX, and Falcon 900 DX Maintenance Manual. The initial compliance time for accomplishing the actions specified in Chapter 5-40, Airworthiness Limitations, DGT 113875, Revision 7, dated September 2012, of the Falcon 900 EX EASy, Falcon 900LX, and Falcon 900 DX Maintenance Manual, is within the applicable times specified in the maintenance manual or 30 days after the effective date of this AD, whichever occurs later, except as provided by paragraphs (g)(1) through (g)(4) of this AD.

(1) The term “LDG” in the “First Inspection” column of any table in the service information means total airplane landings.

(2) The term “FH” in the “First Inspection” column of any table in the service information means total flight hours.

(3) The term “FC” in the “First Inspection” column of any table in the service information means total flight cycles.

(4) The term “M” in the “First Inspection” column of any table in the service information means months.

(h) Terminating Action

Accomplishing paragraph (g) of this AD terminates the requirements of paragraph (a) of AD 2002-23-20, Amendment 39-12964 (67 FR 71098, November 29, 2002); and paragraph (g)(1) of AD 2010-26-05, Amendment 39-16544 (75 FR 79952, December 21, 2010), for DASSAULT AVIATION Model FALCON 900EX airplanes, S/N 97 and S/N 120 and higher.

(i) No alternative Actions and Intervals

After accomplishing the revision required by paragraph (g) of this AD, no alternative actions (e.g., inspections) or intervals may be used unless the actions or intervals are approved as an alternative method of compliance (AMOC) in accordance with the procedures specified in paragraph (j)(1) of this AD.

(j) Other FAA AD Provisions

The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, International Branch, ANM-116, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. In accordance with 14 CFR 39.19, send

your request to your principal inspector or local Flight Standards District Office, as appropriate. If sending information directly to the International Branch, send it to ATTN: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, Transport Airplane Directorate, FAA, 1601 Lind Avenue SW., Renton, WA 98057-3356; phone: (425) 227-1137; fax: (425) 227-1149. Information may be emailed to: 9-ANM-116-AMOC-REQUESTS@faa.gov. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the local flight standards district office/certificate holding district office. The AMOC approval letter must specifically reference this AD.

(2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they were approved by the State of Design Authority (or its delegated agent, or the DAH with a State of Design Authority's design organization approval). For a repair method to be approved, the repair approval must specifically refer to this AD. You are required to ensure the product is airworthy before it is returned to service.

(k) Related Information

(1) Refer to Mandatory Continuing Airworthiness Information (MCAI) EASA Airworthiness Directive 2013-0053, dated March 4, 2013, for related information. This MCAI may be found in the AD docket on the Internet at <http://www.regulations.gov> by searching for and locating it in Docket No. FAA-2014-0176.

(2) For service information identified in this AD, contact Dassault Falcon Jet, P.O. Box 2000, South Hackensack, NJ 07606; telephone 201-440-6700; Internet <http://www.dassaultfalcon.com>. You may view this service information at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, WA. For information on the availability of this material at the FAA, call 425-227-1221.

Issued in Renton, Washington, on March 19, 2014.

Ross Landes,
Acting Manager,
Transport Airplane Directorate,
Aircraft Certification Service.

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