

airplanes; serial numbers 003 through 509 inclusive; certificated in any category.

Compliance: Required as indicated, unless accomplished previously.

To prevent failure of the engine rear mount struts on the left and right engine nacelles, which could result in reduced structural integrity of the nacelle and engine support structure, accomplish the following:

Repetitive Inspections

(a) Within 1,000 flight hours since installation of any new or reworked rear mount strut per the replacement required by paragraph (b) of AD 94-04-09, amendment 39-8829, or within 250 flight hours after the effective date of this AD, whichever is later; do a detailed inspection for cracking of each rear mount strut in the left and right engine nacelles.

Note 1: Bombardier Service Bulletin 8-71-24, dated August 21, 2001, does not contain inspection procedures for the detailed inspection required by paragraph (a) of this AD; however, the definition of a detailed inspection is specified in Note 2 of this AD.

Note 2: 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."

(1) If no crack is found, repeat the inspection at intervals not to exceed 250 flight hours, until accomplishment of paragraph (b) of this AD.

(2) If any crack is found, before further flight, replace the strut with a new, improved strut per Bombardier Service Bulletin 8-71-24, dated August 21, 2001. Repeat the inspection thereafter at intervals not to exceed 500 flight hours, for that nacelle only.

Optional Terminating Action

(b) Replacement of both rear mount struts in a nacelle with new, improved struts, by doing all the actions specified in the Job Set-up, Procedure, and Close-out sections of the Accomplishment Instructions of Bombardier Service Bulletin 8-71-24, dated August 21, 2001, ends the repetitive inspections required by this AD for that nacelle only. Replacement of both rear mount struts on both the left and right engine nacelles ends the repetitive inspections required by this AD.

Parts Installation

(c) As of the effective date of this AD, no person shall install an engine rear mount strut, P/N 87110016-001, -003, -005, -007, -009, or -011, on any airplane.

Alternative Methods of Compliance

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

Note 3: The subject of this AD is addressed in Canadian airworthiness directive CF-2001-20, dated May 16, 2001.

Issued in Renton, Washington, on October 3, 2003.

Kalene C. Yanamura,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2001-NM-283-AD]

RIN 2120-AA64

Airworthiness Directives; Dassault Model Falcon 900EX Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Dassault Model Falcon 900EX series airplanes. This proposal would require modification of the front attachment area of the No. 2 engine. This action is necessary to prevent failure of the fail-safe lugs of the hoisting plate of the forward engine mount, and subsequent cracking of the pick-up folded sheet of the pylon forward rib. Such cracking could rupture the mast case box, which could result in loss of the two forward engine mounts and consequent separation of the engine from the airplane. This action is intended to address the identified unsafe condition.

DATES: Comments must be received by November 10, 2003.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2001-NM-283-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056. Comments may be inspected at this location between 9 a.m. and 3 p.m., Monday through Friday, except Federal holidays. Comments may be submitted via fax to (425) 227-1232. Comments may also be sent via the Internet using the following address: 9-anm-nprmcomment@faa.gov. Comments sent via fax or the Internet must contain "Docket No. 2001-NM-283-AD" in the subject line and need not be submitted in triplicate. Comments sent via the

Internet as attached electronic files must be formatted in Microsoft Word 97 or 2000 or ASCII text.

The service information referenced in the proposed rule may be obtained from Dassault Falcon Jet, P.O. Box 2000, South Hackensack, New Jersey 07606. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington.

FOR FURTHER INFORMATION CONTACT: Tom Rodriguez, Aerospace Engineer, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1137; fax (425) 227-1149.

Comments Invited

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this action may be changed in light of the comments received.

Submit comments using the following format:

- Organize comments issue-by-issue. For example, discuss a request to change the compliance time and a request to change the service bulletin reference as two separate issues.
- For each issue, state what specific change to the proposed AD is being requested.
- Include justification (e.g., reasons or data) for each request.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this action must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2001-NM-283-AD." The postcard will be date stamped and returned to the commenter.

Availability of NPRMs

Any person may obtain a copy of this NPRM by submitting a request to the FAA, Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2001-NM-283-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

Discussion

The Direction Generale de l'Aviation Civile (DGAC), which is the airworthiness authority for France, notified the FAA that an unsafe condition may exist on certain Dassault Model Falcon 900EX series airplanes. The DGAC advises that fatigue tests revealed that the fail-safe lugs of the forward engine mount may not have adequate fatigue strength. Failure of the lugs could result in cracking of the pick-up folded sheet of the pylon forward rib, and consequent rupture of the mast case box. Such conditions, if not corrected, could result in loss of the two forward engine mounts and consequent separation of the engine from the airplane.

Explanation of Relevant Service Information

Dassault has issued Service Bulletin F900EX-103, dated May 23, 2001, which describes procedures for modification of the No. 2 engine front attachment area. The modification involves replacing the No. 2 engine hoisting shield with a reinforced shield at the safety device attachments, and replacing the front attachment pickup doublers with new, thicker doublers. Accomplishment of the actions specified in the service bulletin is intended to adequately address the identified unsafe condition. The DGAC classified this service bulletin as mandatory and issued French airworthiness directive 2001-160-027(B), dated May 2, 2001, to ensure the continued airworthiness of these airplanes in France.

FAA's Conclusions

This airplane model is manufactured in France and is type certificated for operation in the United States under the provisions of section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. Pursuant to this bilateral airworthiness agreement, the DGAC has kept us informed of the situation described above. We have examined the findings of the DGAC, reviewed all available information, and determined that AD action is necessary for products of this type design that are certificated for operation in the United States.

Explanation of Requirements of Proposed AD

Since an unsafe condition has been identified that is likely to exist or develop on other airplanes of the same type design registered in the United States, the proposed AD would require accomplishment of the actions specified in the service bulletin described previously, except as discussed below.

Difference Between Proposed AD and French Airworthiness Directive

The French airworthiness directive specifies a compliance time of "Before 3,750 flights since new," for accomplishment of the modification of the front attachment area of the No. 2 engine. However, this proposed AD would require a compliance time of "Prior to the accumulation of 3,750 flight cycles since the date of issuance of the original Airworthiness Certificate or the date of issuance of the Export Certificate of Airworthiness, whichever occurs first." This decision is based on our determination that "since new" may be interpreted differently by different operators. We find that our proposed terminology is generally understood within the industry, and records will always exist that establish these dates with certainty.

Cost Impact

We estimate that 36 airplanes of U.S. registry would be affected by this proposed AD, that it would take about 85 work hours per airplane to accomplish the proposed modification, and that the average labor rate is \$65 per work hour. Required parts would cost about \$14,479 per airplane. Based on these figures, the cost impact of the proposed modification on U.S. operators is estimated to be \$720,144, or \$20,004 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the proposed requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted. The cost impact figures discussed in AD rulemaking actions represent only the time necessary to perform the specific actions actually required by the AD. These figures typically do not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions.

Regulatory Impact

The regulations proposed herein 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. Therefore, it is determined that this proposal would not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that 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); and (3) if promulgated, 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 copy of the draft regulatory evaluation prepared for this action 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, 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 adding the following new airworthiness directive:

Dassault Aviation: Docket 2001-NM-283-AD.

Applicability: Model Falcon 900EX series airplanes, serial numbers 1 through 60 inclusive; certificated in any category; except those on which Dassault Modifications M2754 and M2925, identified in Dassault Service Bulletin F900EX-103, dated May 23, 2001, have been accomplished.

Compliance: Required as indicated, unless accomplished previously.

To prevent failure of the fail-safe lugs of the forward engine mount, and consequent cracking of the pick-up folded sheet of the pylon forward rib, which could rupture the mast case box and result in loss of the two forward engine mounts and consequent separation of the engine from the airplane, accomplish the following:

Modification

(a) Prior to the accumulation of 3,750 flight cycles since the date of issuance of the

original Airworthiness Certificate or the date of issuance of the Export Certificate of Airworthiness, whichever occurs first: Modify the front attachment area of the No. 2 engine by doing all the actions per Paragraphs 2.A. through 2.D. of the Accomplishment Instructions of Dassault Service Bulletin F900EX-103, dated May 23, 2001.

Alternative Methods of Compliance

(b) In accordance with 14 CFR 39.19, the Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate, is authorized to approve alternative methods of compliance for this AD.

Note 1: The subject of this AD is addressed in French airworthiness directive 2001-160-027(B), dated May 2, 2001.

Issued in Renton, Washington, on October 3, 2003.

Kalene C. Yanamura,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.

[FR Doc. 03-25589 Filed 10-8-03; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2002-NM-78-AD]

RIN 2120-AA64

Airworthiness Directives; Bombardier Model DHC-8-400, -401, and -402 Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Bombardier Model DHC-8-400, -401, and -402 airplanes. This proposal would require a one-time inspection of the forward engine mount assemblies on the left and right engine nacelles for installation of pre-production engine mount assemblies, and follow-on corrective actions if necessary. This action is necessary to prevent failure of the forward engine mount, which could result in reduced structural integrity of the nacelle and engine support structure. This action is intended to address the identified unsafe condition.

DATES: Comments must be received by November 10, 2003.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2002-NM-

78-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056. Comments may be inspected at this location between 9 a.m. and 3 p.m., Monday through Friday, except Federal holidays. Comments may be submitted via fax to (425) 227-1232. Comments may also be sent via the Internet using the following address: *9-anm-nprmcomment@faa.gov*. Comments sent via fax or the Internet must contain "Docket No. 2002-NM-78-AD" in the subject line and need not be submitted in triplicate. Comments sent via the Internet as attached electronic files must be formatted in Microsoft Word 97 or 2000 or ASCII text.

The service information referenced in the proposed rule may be obtained from Bombardier, Inc., Bombardier Regional Aircraft Division, 123 Garratt Boulevard, Downsview, Ontario M3K 1Y5, Canada. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the FAA, New York Aircraft Certification Office, 10 Fifth Street, Third Floor, Valley Stream, New York.

FOR FURTHER INFORMATION CONTACT:

Douglas G. Wagner, Aerospace Engineer, Systems and Flight Test Branch, ANE-172, FAA, New York Aircraft Certification Office, 10 Fifth Street, Third Floor, Valley Stream, New York 11581; telephone (516) 256-7506; fax (516) 568-2716.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this action may be changed in light of the comments received.

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- Include justification (*e.g.*, reasons or data) for each request.

Comments are specifically invited on the overall regulatory, economic,

environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this action must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 2002-NM-78-AD." The postcard will be date stamped and returned to the commenter.

Availability of NPRMs

Any person may obtain a copy of this NPRM by submitting a request to the FAA, Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2002-NM-78-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

Discussion

Transport Canada Civil Aviation (TCCA), which is the airworthiness authority for Canada, notified the FAA that an unsafe condition may exist on certain Bombardier Model DHC-8-400, -401, and -402 airplanes. TCCA advises that the manufacturer of the forward engine mount assembly has indicated that an unapproved pre-production engine mount assembly was found installed in place of a production engine mount assembly. Pre-production engine mount assemblies are more susceptible to fatigue cracking than production engine mount assemblies. In addition, there is a possibility that pre-production assemblies having part number (P/N) 96042-07 are incorrectly marked with P/N 96042-09, which is the P/N on the production assemblies. Operation with pre-production engine mount assemblies could result in failure of the forward engine mount, and consequent reduced structural integrity of the nacelle and engine support structure.

Explanation of Relevant Service Information

Bombardier has issued Alert Service Bulletin A84-71-06, Revision "A," dated December 5, 2001, which describes procedures for a visual inspection to determine the P/N and configuration of the forward engine mount assemblies on the left and right engine nacelles. If the inspection shows that any pre-production engine mount assembly is installed, the service bulletin describes procedures for follow-on corrective actions for that assembly.