

Inspector, who may add comments and then send it to the Manager, Seattle ACO.

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

Special Flight Permits

(c) 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 accomplished.

Issued in Renton, Washington, on July 18, 2001.

Vi L. Lipski,

*Manager, Transport Airplane Directorate,
Aircraft Certification Service.*

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 2000-NM-335-AD]

RIN 2120-AA64

Airworthiness Directives; Dassault Model Mystere-Falcon 50 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 Mystere-Falcon 50 series airplanes. This proposal would require repetitive tests of double-skin feeder tanks for fuel leaks, and corrective actions, if necessary. It would also require modification of seals in the feeder tanks, which would terminate the repetitive leak tests. This action is prompted by issuance of mandatory continuing airworthiness information by a foreign airworthiness authority. The actions specified by the proposed AD are intended to prevent fuel leaks from the feeder tanks, which could result in fuel vapors in the cabin, which could come into contact with ignition sources. This action is intended to address the identified unsafe condition.

DATES: Comments must be received by August 24, 2001.

ADDRESSES: Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-114, Attention: Rules Docket No. 2000-NM-335-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. 2000-NM-335-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 for Windows 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.

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.

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 2000-NM-335-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 Number 2000-NM-335-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

Discussion

The Direction Générale 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 Mystere-Falcon 50 series airplanes. The DGAC advises that inspections have shown a defect of the seals on double-skin feeder tanks on frames 28, 29, and 31. This defect was discovered during a quality inspection on the aircraft production line and is apparently due to a problem in quality control. This condition, if not corrected, could result in fuel leaks from the feeder tanks, which could result in fuel vapors in the cabin, which could come into contact with ignition sources.

Explanation of Relevant Service Information

Temporary Revision No. 19 to the Dassault Falcon 50 Maintenance Manual, dated April 2000, describes procedures for the repetitive leak tests of the feeder tanks and for renewing the seal if a leak is detected.

Dassault has issued Service Bulletin F50-328, dated May 31, 2000, which describes procedures for reworking the seals in the lower sections of the feeder tanks at frames 28 and 31. Reworking these seals would eliminate the repetitive leak testing of the feeder tanks.

Accomplishment of the actions specified in the service information is intended to adequately address the identified unsafe condition. The DGAC classified the service bulletin as mandatory and issued French airworthiness directive 2000-163-030(B), dated April 19, 2000, in order to assure 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 § 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 the FAA informed of the situation described above. The FAA has 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 Rule

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 maintenance manual and the service bulletin described previously.

Cost Impact

The FAA estimates that there are 27 airplanes of U.S. registry that would be affected by this proposed AD. The FAA estimates that it would take approximately 8 work hours per airplane to accomplish the proposed leak tests, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the proposed leak tests on U.S. operators is estimated to be \$12,960, or \$480 per airplane, per test.

The FAA estimates that it would take approximately 50 work hours per airplane to accomplish the proposed reworking of the seals in the feeder tanks, and that the average labor rate is \$60 per work hour. The required parts would be provided at no charge to the operator. Based on these figures, the cost impact of the reworking of the seals on U.S. operators is estimated to be \$81,000, or \$3,000 per airplane.

The cost impact figures discussed above are 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 proposed 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 2000-NM-335-AD.

Applicability: Model Mystere-Falcon 50 series airplanes, certificated in any category, serial numbers 253 to 286 inclusive, 288, 290, and 291.

Note 1: This AD applies to each airplane 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 airplanes 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: Required as indicated, unless accomplished previously.

To prevent fuel leaks from the feeder tanks, which could result in fuel vapors in the cabin, which could come into contact with ignition sources, accomplish the following:

Leak Testing

(a) Within 7 months after the effective date of this AD: Perform a feeder tank leak test by sampling at the drain ports of frames 29 and 31, in accordance with Temporary Revision No. 19 to the Dassault Falcon 50 Maintenance Manual, dated April 2000. Repeat the leak test at intervals not to exceed 13 months, until accomplishment of paragraph (c) of this AD.

Corrective Action

(b) If the feeder tank leak test indicates that a leak is present: Prior to further flight, renew the seal, in accordance with Temporary Revision No. 19 to the Dassault Falcon 50 Maintenance Manual, dated April 2000.

Modification

(c) Within 78 months since the date of manufacture of the airplane: Rework the seals of the feeder tanks at frames 28 and 31, in accordance with Dassault Service Bulletin F50-328, dated May 31, 2000. Accomplishment of the rework terminates the requirements of this AD.

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, International Branch, ANM-116, FAA. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, International Branch, ANM-116.

Note 2: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Manager, International Branch, ANM-116.

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 accomplished.

Note 3: The subject of this AD is addressed in French airworthiness directive 2000-163-030(B), dated April 19, 2000.

Issued in Renton, Washington, on July 18, 2001.

Vi L. Lipski,

Manager, Transport Airplane Directorate, Aircraft Certification Service.

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