

injury to person or property was caused or contributed to by the release or threatened release of a hazardous substance, pollutant, or contaminant as a result of DOE activities at the defense nuclear facility on which the real property is located.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 98-NM-262-AD; Amendment 39-11602; AD 2000-04-19]

RIN 2120-AA64

Airworthiness Directives; Dassault Model Mystere-Falcon 50 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment supersedes an existing airworthiness directive (AD), applicable to certain Dassault Model Mystere-Falcon 50 series airplanes, that currently requires a revision to the Limitations section of the FAA-approved Airplane Flight Manual (AFM) to include procedures to use certain values to correctly gauge the minimum allowable N1 speed of the operative engines during operation in icing conditions. This amendment adds a new requirement for operators to adjust the thrust reverser handle stop, install new wiring, and modify the Digital Electronic Engine Control (DEEC) software, which terminates the AFM revision. This amendment is prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority. The actions specified by this AD are intended to prevent flightcrew use of erroneous N1 thrust setting information displayed on the Engine Indication Electronic Display (EIED), which could result in in-flight shutdown of engine(s).

DATES: Effective April 4, 2000.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of April 4, 2000.

ADDRESSES: The service information referenced in this AD may be obtained from Dassault Falcon Jet, P.O. Box 2000, South Hackensack, New Jersey 07606. This information may be examined at the Federal Aviation Administration

(FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

FOR FURTHER INFORMATION CONTACT:

Norman B. Martenson, Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-2110; fax (425) 227-1149.

SUPPLEMENTARY INFORMATION:

A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) by superseding AD 97-21-16, amendment 39-10202 (62 FR 60773, November 13, 1997), which is applicable to certain Dassault Model Mystere-Falcon 50 series airplanes, was published in the *Federal Register* on November 3, 1999 (64 FR 59685). The action proposed to retain the requirement to revise the Limitations section of the FAA-approved Airplane Flight Manual (AFM) to include procedures to use certain values to correctly gauge the minimum allowable N1 speed of the operative engines during operation in icing conditions, and add a new requirement for adjustment of the thrust reverser handle stop, installation of new wiring, and modification of the Digital Electronic Engine Control (DEEC) software, which would terminate the need for the AFM revision.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comments received.

Requests To Revise Applicability

One commenter, the manufacturer, suggests that the applicability be revised to exclude airplanes on which Dassault Factory Modification M2193 has been accomplished. The commenter notes that this modification is equivalent to Dassault Service Bulletin F50-276, dated June 24, 1998 (which was cited in the AD as the appropriate source of service information). The FAA concurs. The actions described in the referenced Dassault service bulletin constitute terminating action for the requirements of this AD; therefore, airplanes on which the service bulletin has been accomplished are excluded in the applicability of the AD. Since Dassault Modification M2193 is equivalent to that service bulletin, the FAA has revised the final rule to also exclude airplanes having this production modification.

The same commenter also requests that the applicability of the proposed AD be revised in regard to the listing of affected airplanes. The commenter notes that the proposed AD applies to "serial numbers 251, 253, and subsequent, equipped with Allied-Signal TFE731-40 engines * * *." The commenter suggests that the applicability be expanded to include any Falcon 50 series airplane retrofitted with Dassault Service Bulletin F50-280 or Dassault Factory Modification 2518, since this service bulletin describes procedures for installation of Allied-Signal TFE731-40 engines on any Model Mystere-Falcon 50 series airplane, including serial numbers prior to 251.

The FAA does not concur. The FAA acknowledges that all airplanes equipped with the referenced engine type should also be subject to the requirements of this AD, if all actions required by this AD have not been accomplished. However, after further discussions with the manufacturer, the FAA has been advised that Dassault Service Bulletin F50-280 is in the process of review, but has not been released, nor has the equivalent Dassault Modification 2518 been approved. The FAA does not consider it appropriate to delay issuance of this final rule while awaiting such approval; therefore, no change is made to the applicability of the AD in this regard. If the engine retrofit service information is approved, the FAA will consider further rulemaking, if necessary, to apply the requirements of this AD to additional airplanes.

Request To Revise Number of Affected Airplanes

The same commenter states that the estimate of 7 affected airplanes is incorrect in the cost impact information of the proposed AD, since other airplanes may have the Allied-Signal TFE731-40 engines installed as a retrofit, as discussed in the previous comment. The FAA infers that the commenter is requesting that the number of affected airplanes be increased. However, since the previously described engine retrofit service information has not been approved, no airplanes on the U.S. Register should have had such a modification at this time. No change to the AD is necessary in this regard.

Request To Revise Cost Estimate

The same commenter states that the estimate of 2 work hours is conservative in that it does not include hours necessary to gain access, remove and replace the unit, and perform engine ground runs and/or flight tests. The

commenter believes that the economic impact per airplane will be approximately double that referred to in the proposed AD.

The FAA infers that the commenter is requesting that the cost estimate in the AD be increased to include the noted additional costs. The FAA does not concur. The cost impact information, below, describes only the "direct" costs of the specific actions required by this AD. The FAA recognizes that, in accomplishing the requirements of any AD, operators may incur "incidental" costs in addition to the "direct" costs. The cost analysis in AD rulemaking actions, however, typically does not include incidental costs, such as the time required to gain access and close up, planning time, or time necessitated by other administrative actions. Because incidental costs may vary significantly from operator to operator, they are almost impossible to calculate. No change is made to the final rule.

Conclusion

After careful review of the available data, including the comments noted above, the FAA has determined that air safety and the public interest require the adoption of the rule with the change previously described. The FAA has determined that this change will neither increase the economic burden on any operator nor increase the scope of the AD.

Cost Impact

There are approximately 7 airplanes of U.S. registry that will be affected by this AD.

The action that is currently required by AD 97-21-16, and retained in this AD, takes approximately 1 work hour per airplane to accomplish, at an average labor rate of \$60 per work hour. Based on these figures, the cost impact of the previously required actions on U.S. operators is estimated to be \$60 per airplane.

The new actions that are required by this new AD will take approximately 2 work hours per airplane to accomplish, at an average labor rate of \$60 per work hour. Required parts will cost approximately \$1,026 per airplane. Based on these figures, the cost impact of the new requirements of this AD on U.S. operators is estimated to be \$8,022, or \$1,146 per airplane.

The cost impact figures discussed above are based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted.

Regulatory Impact

The regulations adopted herein 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. Therefore, it is determined that this final rule does not have federalism implications under Executive Order 13132.

For the reasons discussed above, I certify that this action (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. A final evaluation has been prepared for this action and it is contained in the Rules Docket. A copy of it may be obtained from the Rules Docket at the location provided under the caption **ADDRESSES**.

List of Subjects in 14 CFR Part 39

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

Adoption of the Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration amends 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 39-10202 (62 FR 60773, November 13, 1997), and by adding a new airworthiness directive (AD), amendment 39-11602, to read as follows:

2000-04-19 Dassault Aviation: Amendment 39-11602. Docket 98-NM-262-AD. Supersedes AD 97-21-16, Amendment 39-10202.

Applicability: Model Mystere-Falcon 50 series airplanes, serial numbers 251, 253, and subsequent; equipped with Allied-Signal TFE731-40 engines; certificated in any category; except airplanes that have been modified in accordance with Dassault Service Bulletin F50-276, dated June 24, 1998, or airplanes on which Dassault Modification M2193 was installed in production.

Note 1: This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been otherwise 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 in-flight shutdown of the engine(s) due to the flightcrew using erroneous N1 speed values displayed on the Engine Indication Electronic Display (EIED), accomplish the following:

Restatement of the Requirements of AD 97-21-16

AFM Revision

(a) Within 1 day after November 18, 1997 (the effective date of AD 97-21-16, amendment 39-10202), revise the Limitations Section of the FAA-approved Airplane Flight Manual (AFM) to add the following. This may be accomplished by inserting a copy of this AD in the AFM.

"Operation in Icing Conditions:

The N1 speed of the operating engines must not be less than the minimum values specified in Normal Section 4, Sub-section 140, Page 2, of the AFM."

New Requirements for This AD

Modification

(b) Within 6 months after the effective date of this AD, adjust the thrust reverser handle stop, install new "push-light" wiring on the instrument panel, and modify the Digital Electronic Engine Control (DEEC) software; in accordance with Dassault Service Bulletin F50-276, dated June 24, 1998. Accomplishment of such actions constitutes terminating action for the AFM revision required by paragraph (a) of this AD. Following accomplishment of the terminating action, the AFM revision required by paragraph (a) of this AD may be removed from the AFM.

Note 2: Dassault Service Bulletin F50-276 refers to Allied Signal Service Bulletin TFE731-76-5107, dated December 24, 1997, as an additional source of service information for accomplishment of the modification.

Spares

(c) As of the effective date of this AD, no person shall install DEEC software, part number 2118882-4002, on any airplane.

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, Transport Airplane Directorate. 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 3: Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the International Branch, ANM-116.

Special Flight Permits

(e) Special flight permits may be issued in accordance with sections 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.

Incorporation by Reference

(f) The actions required by paragraph (b) of this AD shall be done in accordance with Dassault Service Bulletin F50-276, dated June 24, 1998. This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from Dassault Falcon Jet, P.O. Box 2000, South Hackensack, New Jersey 07606. Copies may be inspected at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

Note 4: The subject of this AD is addressed in French airworthiness directive 98-228-021(B), dated June 17, 1998.

(g) This amendment becomes effective on April 4, 2000.

Issued in Renton, Washington, on February 22, 2000.

Donald L. Riggins,

Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.
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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 98-NM-354-AD; Amendment 39-11601; AD 2000-04-18]

RIN 2120-AA64

Airworthiness Directives; Boeing Model 757 Series Airplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD), applicable to certain Boeing Model 757 series airplanes, that requires replacement of transmission assemblies for the trailing edge flaps with modified

transmission assemblies. This amendment is prompted by reports of broken bolts that attach the transmission assemblies for the trailing edge flaps. The actions specified by this AD are intended to prevent damage to the flap system, adjacent system, or structural components; and excessive skew of the trailing edge flap; which could result in reduced controllability of the airplane.

DATES: Effective April 4, 2000.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of April 4, 2000.

ADDRESSES: The service information referenced in this AD may be obtained from Boeing Commercial Airplane Group, P.O. Box 3707, Seattle, Washington 98124-2207. This information may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington; or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

FOR FURTHER INFORMATION CONTACT: Robert C. Jones, Aerospace Engineer, Systems and Equipment Branch, ANM-130S, FAA, Transport Airplane Directorate, Seattle Aircraft Certification Office, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-1118; fax (425) 227-1181.

SUPPLEMENTARY INFORMATION: A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Boeing Model 757 series airplanes was published in the **Federal Register** on October 19, 1999 (64 FR 56279). That action proposed to require replacement of transmission assemblies for the trailing edge flaps with modified transmission assemblies.

Comments

Interested persons have been afforded an opportunity to participate in the making of this amendment. Due consideration has been given to the comments received.

Support for the Proposal

One commenter supports the proposed rule.

Request To Allow Use of Other Service Information

One commenter requests that paragraph (b) of the proposed rule be revised to allow installation of a transmission assembly modified in accordance with the original issue of Boeing Alert Service Bulletin 757-

27A0127, dated September 10, 1998. The commenter states that this would be consistent with "NOTE 2" of the proposed rule, which states, "Replacements accomplished in accordance with Boeing Alert Service Bulletin 757-27A0127, * * * are considered acceptable for compliance with paragraph (a) of this AD."

The FAA concurs with the commenter's request, and has revised paragraph (b) to read, "* * * no person shall install on any airplane, a trailing edge flap transmission assembly, unless it has been modified in accordance with this AD."

Request To Allow Installation of a New Transmission

One commenter requests that paragraph (b) of the notice of proposed rulemaking (NPRM) be revised to allow installation of a new transmission that incorporates the upgraded torque limiter. The commenter states that some operators may choose to purchase a new transmission from the supplier, instead of modifying the existing unit.

The FAA concurs with the commenter's request. The FAA's intent was to allow installation of a new flap transmission assembly equipped with the new torque limiter or a modified flap transmission assembly. Therefore, in accordance with the commenter's request, paragraph (b) of this final rule has been revised to specify that no person shall install a trailing edge flap assembly, unless it has been modified in accordance with this AD, or, in the case of new transmission assemblies, it incorporates the new torque limiter. In addition, paragraph (a) of this final rule has been revised to clarify that replacement of existing transmission assemblies with new transmission assemblies that incorporate new torque limiters is acceptable for compliance with this AD.

Request To Clarify Preamble of Proposed Rule

One commenter requests that one sentence in the "Explanation of Relevant Service Information" section in the preamble of the proposed rule be revised. The proposed rule states that, "The modified transmission assemblies include new torque limiters that can prevent damage to the airplane from high system loads at the transmission assemblies, and can prevent excessive skew of the trailing edge flap." The commenter requests that the last clause of the sentence be revised to read, "* * * and can, *in some conditions*, prevent excessive skew of the trailing edge flap." The commenter states that, while a properly functioning torque