

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email fedreg.legal@nara.gov, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on December 7, 2020.

Ross Landes,
Deputy Director for Regulatory Operations,
Compliance & Airworthiness Division,
Aircraft Certification Service.

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2020-0729; Project Identifier AD-2020-00620-E; Amendment 39-21355; AD 2020-25-13]

RIN 2120-AA64

Airworthiness Directives; CFM International, S.A. Turbofan Engines

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: The FAA is adopting a new airworthiness directive (AD) for certain CFM International, S.A. (CFM) LEAP-1A23, LEAP-1A24, LEAP-1A24E1, LEAP-1A26, LEAP-1A26CJ, LEAP-1A26E1, LEAP-1A29, LEAP-1A29CJ, LEAP-1A30, LEAP-1A32, LEAP-1A33, LEAP-1A33B2, LEAP-1A35A model turbofan engines. This AD was prompted by an investigation by CFM that showed a subsurface anomaly in a part manufactured using the same material as the LEAP-1A high-pressure turbine (HPT) stage 2 disk. This AD requires an ultrasonic inspection (UI) of the HPT stage 2 disk and replacement of any HPT stage 2 disk that fails the UI with a part eligible for installation. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective January 25, 2021.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of January 25, 2021.

ADDRESSES: For service information identified in this final rule, contact CFM International, S.A., Aviation Operations Center, 1 Neumann Way, M/D Room 285, Cincinnati, OH 45125; phone: (877) 432-3272; email: fleetsupport@ge.com. You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For information on the availability of this material at the FAA, call (781) 238-7759. It is also available at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0729.

Examining the AD Docket

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0729; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, any comments received, and other information. The address for Docket Operations is 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: Christopher McGuire, Aviation Safety Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238-7120; fax: (781) 238-7199; email: Chris.McGuire@faa.gov.

SUPPLEMENTARY INFORMATION:

Background

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 by adding an AD that would apply to certain CFM International, S.A. LEAP-1A23, LEAP-1A24, LEAP-1A24E1, LEAP-1A26, LEAP-1A26CJ, LEAP-1A26E1, LEAP-1A29, LEAP-1A29CJ, LEAP-1A30, LEAP-1A32, LEAP-1A33, LEAP-1A33B2, LEAP-1A35A model turbofan engines. The

NPRM published in the **Federal Register** on July 24, 2020 (85 FR 44798). The NPRM was prompted by an investigation by CFM that showed a subsurface anomaly in a part manufactured using the same material as the LEAP-1A HPT stage 2 disk. In the NPRM, the FAA proposed to require an UI of the HPT stage 2 disk and replacement of any HPT stage 2 disk that fails the UI with a part eligible for installation. The FAA is issuing this AD to address the unsafe condition on these products.

Discussion of Final Airworthiness Directive

Comments

The FAA received comments from one commenter, the Air Line Pilots Association, International. The commenter supported the NPRM without change.

Conclusion

The FAA reviewed the relevant data, considered the comment received, and determined that air safety requires adopting the AD as proposed. Accordingly, the FAA is issuing this AD to address the unsafe condition on these products. Except for minor editorial changes, this AD is adopted as proposed in the NPRM.

Related Service Information Under 14 CFR part 51

The FAA reviewed CFM Service Bulletin LEAP-1A-72-00-0405-01A-930A-D, Issue 001, dated March 5, 2020. The Service Bulletin specifies procedures for performing an UI of the HPT stage 2 disk. This service information is reasonably available because the interested parties have access to it through their normal course of business or by the means identified in **ADDRESSES**.

Costs of Compliance

The FAA estimates that this AD affects 148 engines installed on airplanes of U.S. registry.

The FAA estimates the following costs to comply with this AD:

ESTIMATED COSTS

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
UI of HPT stage 2 disk	8 work-hours × \$85 per hour = \$680	\$0	\$680	\$100,640

The FAA estimates the following costs to do any necessary replacements that would be required based on the

results of the inspection. The agency has no way of determining the number of

aircraft that might need these replacements.

ON-CONDITION COSTS

Action	Labor cost	Parts cost	Cost per product
Replace HPT stage 2 disk in case of failed inspection	.25 work-hours × \$85 per hour = \$21.25	\$286,000	\$286,021.25

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.

The FAA is 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

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) Will not affect intrastate aviation in Alaska, 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.

List of Subjects in 14 CFR Part 39

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

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 FAA amends § 39.13 by adding the following new airworthiness directive:

2020–25–13 CFM International, S.A.:
Amendment 39–21355; Docket No. FAA–2020–0729; Project Identifier AD–2020–00620–E.

(a) Effective Date

This airworthiness directive (AD) is effective January 25, 2021.

(b) Affected ADs

None.

(c) Applicability

This AD applies to CFM International, S.A. (CFM) LEAP–1A23, LEAP–1A24, LEAP–1A24E1, LEAP–1A26, LEAP–1A26CJ, LEAP–1A26E1, LEAP–1A29, LEAP–1A29CJ, LEAP–1A30, LEAP–1A32, LEAP–1A33, LEAP–1A33B2, LEAP–1A35A model turbofan engines with a high-pressure turbine (HPT) stage 2 disk, part number (P/N) 2466M52G03 or P/N 2788M26G01, and with a serial number listed in Table 1 of CFM Service Bulletin (SB) LEAP–1A–72–00–0405–01A–930A–D, Issue 001, dated March 5, 2020, installed.

(d) Subject

Joint Aircraft System Component (JASC) Code 7250, Turbine Section.

(e) Unsafe Condition

This AD was prompted by an investigation by CFM that discovered a subsurface anomaly in a part manufactured from the same material used to manufacture the LEAP–1A HPT stage 2 disk. The FAA is issuing this AD to prevent failure of the LEAP–1A HPT stage 2 disk. The unsafe condition, if not addressed, could result in uncontained release of the HPT stage 2 disk, damage to the engine, and damage to the airplane.

(f) Compliance

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

(g) Required Actions

- (1) At the next piece part exposure after the effective date of this AD, perform an ultrasonic inspection of the HPT stage 2 disk in accordance with the Accomplishment Instructions, paragraph 5.A.(1), of CFM SB

LEAP–1A–72–00–0405–01A–930A–D, Issue 001, dated March 5, 2020.

- (2) Replace any disk that fails the inspection required by paragraph (g)(1) of this AD with a part eligible for installation.

(h) Definition

For the purpose of this AD, a part eligible for installation is an HPT stage 2 disk not affected by this AD, or an HPT stage 2 disk that has been inspected in accordance with the Accomplishment Instructions, paragraph 5.A.(1), of CFM SB LEAP–1A–72–00–0405–01A–930A–D, Issue 001, dated March 5, 2020, and is not rejected by the inspection limits as specified in the service information.

(i) Alternative Methods of Compliance (AMOCs)

- (1) The Manager, ECO Branch, 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 manager of the certification office, send it to the attention of the person identified in Related Information. You may email your request to: *ANE-AD-AMOC@faa.gov*.

- (2) 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.

(j) Related Information

For more information about this AD, contact Christopher McGuire, Aviation Safety Engineer, ECO Branch, FAA, 1200 District Avenue, Burlington, MA 01803; phone: (781) 238–7120; fax: (781) 238–7199; email: *Chris.McGuire@faa.gov*.

(k) Material Incorporated by Reference

- (1) The Director of the Federal Register approved the incorporation by reference (IBR) of the service information listed in this paragraph under 5 U.S.C. 552(a) and 1 CFR part 51.

- (2) You must use this service information as applicable to do the actions required by this AD, unless the AD specifies otherwise.

(i) CFM Service Bulletin LEAP–1A–72–00–0405–01A–930A–D, Issue 001, dated March 5, 2020.

(ii) [Reserved]

- (3) For CFM service information identified in this AD, contact CFM International, S.A., Aviation Operations Center, 1 Neumann Way, M/D Room 285, Cincinnati, OH 45125; phone: (877) 432–3272; email: *fleetsupport@ge.com*.

- (4) You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 1200 District Avenue, Burlington, MA 01803. For

information on the availability of this material at the FAA, call (781) 238-7759.

(5) You may view this service information that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email: fedreg.legal@nara.gov, or go to: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on December 4, 2020.

Lance T. Gant,

Director, Compliance & Airworthiness Division, Aircraft Certification Service.

[FR Doc. 2020-27985 Filed 12-18-20; 8:45 am]

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2020-0778; Product Identifier 2020-NM-097-AD; Amendment 39-21362; AD 2020-26-07]

RIN 2120-AA64

Airworthiness Directives; Dassault Aviation Airplanes

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

ACTION: Final rule.

SUMMARY: The FAA is superseding Airworthiness Directive (AD) 2019-23-05, which applied to all Dassault Aviation Model MYSTERE-FALCON 900 airplanes. AD 2019-23-05 required revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations. This AD continues to require revising the existing maintenance or inspection program, as applicable, to incorporate those new or more restrictive airworthiness limitations, and also requires revising the existing maintenance or inspection program, as applicable, to incorporate additional new or more restrictive airworthiness limitations; as specified in a European Union Aviation Safety Agency (EASA) AD, which is incorporated by reference. This AD was prompted by a determination that new or more restrictive airworthiness limitations are necessary. The FAA is issuing this AD to address the unsafe condition on these products.

DATES: This AD is effective January 25, 2021.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of January 25, 2021.

The Director of the Federal Register approved the incorporation by reference of a certain other publication listed in this AD as of January 13, 2020 (84 FR 67169, December 9, 2019).

ADDRESSES: For EASA material incorporated by reference (IBR) in this AD, contact the EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; phone: +49 221 8999 000; email: ADS@easa.europa.eu; internet: www.easa.europa.eu. You may find this IBR material on the EASA website at <https://ad.easa.europa.eu>. For Dassault service information identified in this final rule, contact Dassault Falcon Jet Corporation, Teterboro Airport, P.O. Box 2000, South Hackensack, NJ 07606; phone: 201-440-6700; internet: <https://www.dassaultfalcon.com>. You may view this IBR material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th St., Des Moines, WA. For information on the availability of this material at the FAA, call 206-231-3195. It is also available in the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0778.

Examining the AD Docket

You may examine the AD docket on the internet at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2020-0778; or in person at Docket Operations between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The AD docket contains this final rule, any comments received, and other information. The address for Docket Operations is 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, Large Aircraft Section, International Validation Branch, FAA, 2200 South 216th St., Des Moines, WA 98198; phone and fax: 206-231-3226; email: tom.rodriguez@faa.gov.

SUPPLEMENTARY INFORMATION:

Discussion

The EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2020-0115, dated May 20, 2020 (EASA AD 2020-0115) (also referred to as the Mandatory Continuing Airworthiness Information, or the MCAI), to correct an unsafe condition for all Dassault Aviation Model MYSTERE-FALCON 900 airplanes.

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to supersede AD 2019-23-05, Amendment 39-19799 (84 FR 67169, December 9, 2019) (AD 2019-23-05). AD 2019-23-05 applied to all Dassault Aviation Model MYSTERE-FALCON 900 airplanes. The NPRM published in the **Federal Register** on August 19, 2020 (85 FR 50970). The NPRM was prompted by a determination that new or more restrictive airworthiness limitations are necessary. The NPRM proposed to continue to require revising the existing maintenance or inspection program, as applicable, to incorporate new or more restrictive airworthiness limitations. The NPRM also proposed to require revising the existing maintenance or inspection program, as applicable, to incorporate additional new or more restrictive airworthiness limitations, as specified in a EASA AD.

The FAA is issuing this AD to address reduced structural integrity of the airplane. See the MCAI for additional background information.

Comments

The FAA gave the public the opportunity to participate in developing this final rule. The FAA has considered the comments received.

Support for the NPRM

Ian Reineck indicated support for the NPRM.

Request To Include Actions in the Cost Estimate

Ian Reineck requested that the cost estimate be revised to include structural upkeep per flight hours, rather than solely maintenance work hours. The commenter stated this is what determines the core functions inside aviation maintenance schedules. The commenter also stated this would be inclusive, regardless of operator, but still reflect the cost of an average operator's inspection through the quantity of accumulated flight time on the airplane. The commenter concluded that, if flight time is not presented in the inspection cost, it presents another problem: These aircraft may change ownership or operator-ship as they age.

The FAA infers that the commenter is requesting that the FAA include the costs in this AD for complying with the actions (e.g., inspections) that are specified in the airworthiness limitations document referenced in EASA AD 2020-0115. The FAA disagrees because those actions are not directly required by this AD. Additionally, the FAA does not distribute the costs over time because the cost estimates have been