

paragraph of Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023, do all applicable actions identified in, and in accordance with, the Accomplishment Instructions of Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023.

**Note 1 to paragraph (g):** Guidance for accomplishing the actions required by this AD can be found in Boeing Alert Service Bulletin 747–57A2367, Revision 1, dated March 20, 2023, which is referred to in Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023.

**(h) Exceptions to Service Information Specifications**

(1) Where the Compliance Time columns of the tables in the “Compliance” paragraph of Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023, use the phrase “the original issue date of Requirements Bulletin 747–57A2367 RB,” this AD requires using March 30, 2021 (the effective date of AD 2021–02–15).

(2) Where the Compliance Time columns of the tables in the “Compliance” paragraph of Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023, use the phrase “the Revision 1 date of Requirements Bulletin 747–57A2367 RB,” this AD requires using “the effective date of this AD.”

**(i) Credit for Previous Actions**

This paragraph provides credit for the actions specified in paragraph (g) of this AD, if those actions were performed before the effective date of this AD using Boeing Alert Requirements Bulletin 747–57A2367 RB, dated November 15, 2019.

**(j) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, AIR–520 Continued Operational Safety 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 responsible Flight Standards Office, as appropriate. If sending information directly to the manager of AIR–520 Continued Operational Safety Branch, send it to the attention of the person identified in paragraph (k)(1) of this AD. Information may be emailed to: [9-ANM-Seattle-ACO-AMOC-Requests@faa.gov](mailto:9-ANM-Seattle-ACO-AMOC-Requests@faa.gov).

(2) Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(3) An AMOC that provides an acceptable level of safety may be used for any repair, modification, or alteration required by this AD if it is approved by The Boeing Company Organization Designation Authorization (ODA) that has been authorized by the Manager, AIR–520 Continued Operational Safety Branch, FAA, to make those findings. To be approved, the repair method, modification deviation, or alteration deviation must meet the certification basis of the airplane, and the approval must specifically refer to this AD.

(4) AMOCs approved for AD 2021–02–15 are approved as AMOCs for the corresponding provisions of Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023, that are required by paragraph (g) of this AD.

**(k) Related Information**

(1) For more information about this AD, contact Stefanie Roesli, Aviation Safety Engineer, FAA, 2200 South 216th St., Des Moines, WA 98198; phone: 206–231–3964; email: [Stefanie.N.Roesli@faa.gov](mailto:Stefanie.N.Roesli@faa.gov).

(2) Service information identified in this AD that is not incorporated by reference is available at the addresses specified in paragraphs (l)(3) and (4) of this AD.

**(l) 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) Boeing Alert Requirements Bulletin 747–57A2367 RB, Revision 1, dated March 20, 2023.

(ii) [Reserved]

(3) For service information identified in this AD, contact Boeing Commercial Airplanes, Attention: Contractual & Data Services (C&DS), 2600 Westminister Blvd., MC 110–SK57, Seal Beach, CA 90740–5600; telephone 562–797–1717; website [myboeingfleet.com](http://myboeingfleet.com).

(4) You may view this service information 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.

(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 [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](http://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on September 7, 2023.

**Caitlin Locke,**

*Director, Compliance & Airworthiness Division, Aircraft Certification Service.*

[FR Doc. 2023–21718 Filed 10–2–23; 8:45 am]

**BILLING CODE 4910–13–P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. FAA–2023–1402; Project Identifier MCAI–2023–00324–T; Amendment 39–22549; AD 2023–18–08]

**RIN 2120–AA64**

**Airworthiness Directives; Dassault Aviation Airplanes**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for certain Dassault Aviation Model MYSTERE–FALCON 900, FALCON 900EX, FALCON 2000, and FALCON 2000EX airplanes. This AD was prompted by reports of the wing anti-icing (WAI) system leaking in the wing leading edge. This AD requires a one-time inspection of the WAI system, and corrective actions if necessary, as specified in a European Union Aviation Safety Agency (EASA) AD, which is incorporated by reference. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective November 7, 2023.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of November 7, 2023.

**ADDRESSES:**

**AD Docket:** You may examine the AD docket at [regulations.gov](http://regulations.gov) under Docket No. FAA–2023–1402; 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, the mandatory continuing airworthiness information (MCAI), 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.

**Material Incorporated by Reference:**

- For material incorporated by reference in this AD, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); website [easa.europa.eu](http://easa.europa.eu). You may find this material on the EASA website [ad.easa.europa.eu](http://ad.easa.europa.eu).

- You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th Street, 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 at [regulations.gov](https://www.regulations.gov) under Docket No. FAA–2023–1402.

**FOR FURTHER INFORMATION CONTACT:** Tom Rodriguez, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 206–231–3226; email [tom.rodriguez@faa.gov](mailto:tom.rodriguez@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 Dassault Aviation Model MYSTERE–FALCON 900, FALCON 900EX, FALCON 2000, and FALCON 2000EX airplanes. The NPRM published in the **Federal Register** on July 10, 2023 (88 FR 43477). The NPRM was prompted by AD 2023–0041, dated February 21, 2023, issued by EASA, which is the Technical Agent for the Member States of the European Union (EASA AD 2023–0041) (also referred to as the MCAI). The MCAI states the WAI system was reported leaking in the wing leading edge. The leaks were either from an incorrect installation of the Wiggins coupling on the WAI system, or detachment of the pressure switch line from the WAI pipe (only found on the Falcon 2000 and Falcon 2000EX airplanes). This condition, if not detected and corrected, could lead to a

loss of performance of WAI protection system, possibly resulting in reduced control of the airplane.

In the NPRM, the FAA proposed to require a one-time inspection of the WAI system, and corrective actions if necessary, as specified in EASA AD 2023–0041. The FAA is issuing this AD to address the unsafe condition on these products.

You may examine the MCAI in the AD docket at [regulations.gov](https://www.regulations.gov) under Docket No. FAA–2023–1402.

**Discussion of Final Airworthiness Directive**

**Comments**

The FAA received no comments on the NPRM or on the determination of the cost to the public.

**Conclusion**

This product has been approved by the aviation authority of another country and is approved for operation in the United States. Pursuant to the FAA’s bilateral agreement with this State of Design Authority, it has notified the FAA of the unsafe condition described in the MCAI referenced above. The FAA reviewed the relevant data and determined that air safety requires adopting this AD as proposed. Accordingly, the FAA is issuing this AD to address the unsafe condition on this product. Except for minor editorial changes, this AD is adopted as proposed

in the NPRM. None of the changes will increase the economic burden on any operator.

**Related Service Information Under 1 CFR Part 51**

EASA AD 2023–0041 specifies procedures for a one-time general visual inspection of the WAI system for discrepancies, including incorrect installation, deformation, leakage or signs of overheating, and lack of free rotation of the clamp around the two ferrules, and, depending on findings, corrective actions. Corrective actions include replacement or re-installation of the affected WAI Wiggins coupling with new seals and couplings. For the Falcon 2000 and Falcon 2000EX airplanes, there is an additional one-time general visual inspection of the WAI pipes for traces of abnormal leakage, overheating, or degradation of the thermal lagging, and depending on findings, corrective actions. Corrective actions are for replacement of the affected WAI pipes. This material 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 820 airplanes of U.S. registry. The FAA estimates the following costs to comply with this AD:

**ESTIMATED COSTS FOR REQUIRED ACTIONS**

Labor cost	Parts cost	Cost per product	Cost on U.S. operators
7 work-hours × \$85 per hour = \$595 .....	\$0	\$595	\$487,900

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

the results of any required actions. The FAA has no way of determining the

number of aircraft that might need these on-condition actions:

**ESTIMATED COSTS OF ON-CONDITION ACTIONS**

Labor cost	Parts cost	Cost per product
Up to 2 work-hours × \$85 per hour = Up to \$170 .....	\$517	Up to \$687.

The FAA has included all known costs in its cost estimate. According to the manufacturer, however, some or all of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected operators.

**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:

#### 2023–18–08 Dassault Aviation:

Amendment 39–22549; Docket No. FAA–2023–1402; Project Identifier MCAI–2023–00324–T.

#### (a) Effective Date

This airworthiness directive (AD) is effective November 7, 2023.

#### (b) Affected ADs

None.

#### (c) Applicability

This AD applies to Dassault Aviation Model MYSTERE–FALCON 900, FALCON 900EX, FALCON 2000, and FALCON 2000EX airplanes, certificated in any category, as identified in European Union Aviation Safety Agency (EASA) AD 2023–0041, dated February 21, 2023 (EASA AD 2023–0041).

#### (d) Subject

Air Transport Association (ATA) of America Code 30, Ice and Rain Protection.

#### (e) Unsafe Condition

This AD was prompted by reports of the wing anti-icing (WAI) system leaking in the wing leading edge. The FAA is issuing this AD to address leaks in the WAI system. The unsafe condition, if not addressed, could lead to a loss of performance of the WAI

protection system, possibly resulting in reduced control of the airplane.

#### (f) Compliance

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

#### (g) Requirements

Except as specified in paragraph (h) of this AD: Comply with all required actions and compliance times specified in, and in accordance with, EASA AD 2023–0041.

#### (h) Exceptions to EASA AD 2023–0041

(1) Where EASA AD 2023–0041 refers to its effective date, this AD requires using the effective date of this AD.

(2) Where paragraph (2) of EASA AD 2023–0041 specifies actions if “any discrepancy [as defined in the applicable inspection SB] is found,” for this AD, discrepancies are defined as incorrect installation, deformation, leakage, signs of overheating, and lack of free rotation of the clamp around the two ferrules.

(3) This AD does not adopt the “Remarks” section of EASA AD 2023–0041.

#### (i) Additional AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs):* The Manager, International Validation 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 responsible Flight Standards Office, as appropriate. If sending information directly to the manager of the International Validation Branch, mail it to the address identified in paragraph (j) of this AD or email to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov). If mailing information, also submit information by email. Before using any approved AMOC, notify your appropriate principal inspector, or lacking a principal inspector, the manager of the responsible Flight Standards Office.

(2) *Contacting the Manufacturer:* For any requirement in this AD to obtain instructions from a manufacturer, the instructions must be accomplished using a method approved by the Manager, International Validation Branch, FAA; or EASA; or Dassault Aviation’s EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

#### (j) Additional Information

For more information about this AD, contact Tom Rodriguez, Aviation Safety Engineer, FAA, 1600 Stewart Avenue, Suite 410, Westbury, NY 11590; telephone 206–231–3226; email [tom.rodriguez@faa.gov](mailto:tom.rodriguez@faa.gov).

#### (k) Material Incorporated by Reference

(1) The Director of the Federal Register approved the incorporation by reference 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 this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2023–0041, dated February 21, 2023.

(ii) [Reserved]

(3) For EASA AD 2023–0041, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); website [easa.europa.eu](http://easa.europa.eu). You may find this EASA AD on the EASA website [ad.easa.europa.eu](http://ad.easa.europa.eu).

(4) You may view this material at the FAA, Airworthiness Products Section, Operational Safety Branch, 2200 South 216th Street, Des Moines, WA. For information on the availability of this material at the FAA, call 206–231–3195.

(5) You may view this material that is incorporated by reference at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, email [fr.inspection@nara.gov](mailto:fr.inspection@nara.gov), or go to: [www.archives.gov/federal-register/cfr/ibr-locations.html](http://www.archives.gov/federal-register/cfr/ibr-locations.html).

Issued on September 8, 2023.

#### Ross Landes,

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

[FR Doc. 2023–21717 Filed 10–2–23; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA–2023–0940; Project Identifier AD–2022–01521–E; Amendment 39–22552; AD 2023–19–02]

RIN 2120–AA64

#### Airworthiness Directives; Pratt & Whitney Division Engines

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final rule.

**SUMMARY:** The FAA is superseding Airworthiness Directive (AD) 2018–21–11, which applied to all Pratt & Whitney Division (PW) Model PW4074D, PW4077D, PW4084D, PW4090, and PW4090–3 engines with a low-pressure compressor (LPC) fan hub, part number (P/N) 51B821 or P/N 52B521, installed. AD 2018–21–11 required performing repetitive eddy current inspections (ECIs) and fluorescent penetrant inspections (FPIs) for cracks in certain LPC fan hubs and removing LPC fan hubs from service that fail any inspection. Since the FAA issued AD 2018–21–11, the FAA determined that affected LPC fan hub assemblies can meet the published certificated life limit without the need for the required repetitive FPI inspections in AD 2018–21–11, and the repetitive ECI