

AMOC, provided the instructions identified as RC can be done and the airplane can be put back in an airworthy condition. Any substitutions or changes to instructions identified as RC require approval of an AMOC.

**(k) Additional Information**

For more information about this AD, contact Manuel Hernandez, Aerospace Engineer, Airframe Section, FAA, Los Angeles ACO Branch, 3960 Paramount Boulevard, Lakewood, CA 90712-4137; phone: 562-627-5256; email [Manuel.F.Hernandez@faa.gov](mailto:Manuel.F.Hernandez@faa.gov).

**(l) 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 2022-0165, dated August 9, 2022.

(ii) [Reserved]

(3) For EASA AD 2022-0165, 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 at [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 St., 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 15, 2022.

**Christina Underwood,**

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

[FR Doc. 2022-20605 Filed 9-20-22; 11:15 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. **FAA-2022-0604**; Project Identifier **MCAI-2021-01375-T**; Amendment **39-22148**; AD **2022-17-10**]

**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) 2021-19-20, which applied to all Dassault Aviation Model FALCON 7X airplanes. AD 2021-19-20 required amending the existing airplane flight manual (AFM) to incorporate a check and an operating limitation regarding the O<sub>2</sub> saver function. This AD was prompted by reports of defects that may prevent efficient deactivation of the O<sub>2</sub> saver function of crew oxygen masks and a determination that the AFM amendment required by AD 2021-19-20 may not be sufficient to mitigate the risk. This AD retains the requirements of AD 2021-19-20 and also requires physical deactivation of the O<sub>2</sub> saver function, as specified in a European Union Aviation Safety Agency (EASA) AD, which is incorporated by reference. This AD also limits the installation of affected parts under certain conditions. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective October 27, 2022.

The Director of the Federal Register approved the incorporation by reference of a certain publication listed in this AD as of October 27, 2022.

**ADDRESSES:** For material incorporated by reference (IBR) 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); internet [www.easa.europa.eu](http://www.easa.europa.eu). You may find this IBR material on the EASA website at <https://ad.easa.europa.eu>. You may view this 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 at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2022-0604.

**Examining the AD Docket**

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2022-0604; 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.

**FOR FURTHER INFORMATION CONTACT:** Tom Rodriguez, Aerospace Engineer, Large Aircraft Section, FAA, International Validation Branch, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3226; email [tom.rodriguez@faa.gov](mailto:tom.rodriguez@faa.gov).

**SUPPLEMENTARY INFORMATION:**

**Background**

EASA, which is the Technical Agent for the Member States of the European Union, has issued EASA AD 2021-0272, dated December 6, 2021 (EASA AD 2021-0272) (also referred to as the MCAI), to correct an unsafe condition for all Dassault Aviation Model FALCON 7X airplanes.

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to supersede AD 2021-19-20, Amendment 39-21738 (86 FR 51604, September 16, 2021) (AD 2021-19-20). AD 2021-19-20 applied to all Dassault Aviation Model FALCON 7X airplanes. The NPRM published in the **Federal Register** on June 9, 2022 (87 FR 35122). The NPRM was prompted by reports of defects on the piston hole associated with the O<sub>2</sub> saver function that may prevent efficient deactivation of the O<sub>2</sub> saver function and a determination that the AFM amendment required by AD 2021-19-20 may not be sufficient to mitigate the risk of failed deactivation of the O<sub>2</sub> saver function. The NPRM proposed to retain the requirements of AD 2021-19-20 and require physical deactivation of the O<sub>2</sub> saver function, as specified in EASA AD 2021-0272. The NPRM also proposed to limit the installation of affected parts under certain conditions.

The FAA is issuing this AD to address defects that may prevent efficient deactivation of the O<sub>2</sub> saver function, which could result in an inadequate oxygen supply to the flightcrew in case of decompression of the airplane or smoke or fire in the flight deck. See the MCAI for additional background information.

**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**

The FAA reviewed the relevant data and determined that air safety requires adopting this AD as proposed. 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.

Accordingly, the FAA is issuing this AD to address the unsafe condition on these products.

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

EASA AD 2021–0272 specifies procedures for amending the existing AFM to incorporate a specific check to ensure that the O<sub>2</sub> saver function is not activated and an operating limitation to

prevent use of the O<sub>2</sub> saver function; and for mechanically deactivating the O<sub>2</sub> saver function of the affected parts (Safran flightcrew oxygen masks having part number MLD40–45–005 and serial number B150451 through B172005 inclusive without the letter “R” after the serial number). EASA AD 2021–0272 also limits the installation of affected parts under certain conditions. 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 the ADDRESSES section.

**Costs of Compliance**

The FAA estimates that this AD affects 20 airplanes of U.S. registry. The FAA estimates the following costs to comply with this AD:

**ESTIMATED COSTS FOR REQUIRED ACTIONS**

Action	Labor cost	Parts cost	Cost per product	Cost on U.S. operators
Retained actions from AD 2021–19–20.	1 work-hour × \$85 per hour = \$85	\$0	\$85	Up to \$1,700.
New actions .....	4 work-hours × \$85 per hour = \$340.	0	340	6,800.

According to the manufacturer, some or all of the costs of this AD may be covered under warranty, thereby reducing the cost impact on affected individuals. The FAA does not control warranty coverage for affected individuals. As a result, the FAA has included all known costs in the cost estimate.

**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:
  - a. Removing Airworthiness Directive (AD) 2021–19–20, Amendment 39–21738 (86 FR 51604, September 16, 2021); and
  - b. Adding the following new AD:

**2022–17–10 Dassault Aviation:**  
Amendment 39–22148; Docket No. FAA–2022–0604; Project Identifier MCAI–2021–01375–T.

**(a) Effective Date**

This airworthiness directive (AD) is effective October 27, 2022.

**(b) Affected ADs**

This AD replaces AD 2021–19–20, Amendment 39–21738 (86 FR 51604, September 16, 2021) (AD 2021–19–20).

**(c) Applicability**

This AD applies to all Dassault Aviation Model FALCON 7X airplanes, certificated in any category.

**Note 1 to paragraph (c):** Model FALCON 7X airplanes with Dassault modification M1000 incorporated are commonly referred to as “Model FALCON 8X” as a marketing designation.

**(d) Subject**

Air Transport Association (ATA) of America Code 35, Oxygen.

**(e) Unsafe Condition**

This AD was prompted by reports of defects on the piston hole associated with the O<sub>2</sub> saver function that may prevent efficient deactivation of the O<sub>2</sub> saver function and a determination that the airplane flight manual (AFM) amendment required by AD 2021–19–20 may not be sufficient to mitigate the risk of failed deactivation of the O<sub>2</sub> saver function. The FAA is issuing this AD to address defects that may prevent efficient deactivation of the O<sub>2</sub> saver function, which could result in an inadequate oxygen supply to the flightcrew in case of decompression of the airplane or smoke or fire in the flight deck.

**(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, European Union Aviation Safety Agency (EASA) AD 2021–0272, dated December 6, 2021 (EASA AD 2021–0272).

**(h) Exceptions to EASA AD 2021–0272**

- (1) Where EASA AD 2021–0272 refers to September 13, 2021 (the effective date of

EASA AD 2021-0202-E), this AD requires using September 16, 2021 (the effective date of AD 2021-19-20).

(2) Where EASA AD 2021-0272 refers to its effective date, this AD requires using the effective date of this AD.

(3) Where paragraph (1) of EASA AD 2021-0272 requires operators to “inform all flight crews, and thereafter operate the aeroplane accordingly,” this AD does not require those actions as they are already required by existing FAA operating regulations.

(4) The “Remarks” section of EASA AD 2021-0272 does not apply to this AD.

#### (i) No Reporting Requirement

Although the service information referenced in EASA AD 2021-0272 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

#### (j) Additional AD Provisions

The following provisions also apply to this AD:

(1) *Alternative Methods of Compliance (AMOCs)*: The Manager, Large Aircraft Section, 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 Large Aircraft Section, International Validation Branch, send it to the attention of the person identified in paragraph (k) of this AD. Information may be emailed to: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-AMOC@faa.gov). 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, Large Aircraft Section, 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.

#### (k) Related Information

For more information about this AD, contact Tom Rodriguez, Aerospace Engineer, Large Aircraft Section, FAA, International Validation Branch, 2200 South 216th St., Des Moines, WA 98198; telephone and fax 206-231-3226; email [tom.rodriguez@faa.gov](mailto:tom.rodriguez@faa.gov).

#### (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 this AD specifies otherwise.

(i) European Union Aviation Safety Agency (EASA) AD 2021-0272, dated December 6, 2021.

(ii) [Reserved]

(3) For EASA AD 2021-0272, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu); internet [www.easa.europa.eu](http://www.easa.europa.eu). You may find this EASA AD on the EASA website at <https://ad.easa.europa.eu>.

(4) You may view this 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.

(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: <https://www.archives.gov/federal-register/cfr/ibr-locations.html>.

Issued on August 10, 2022.

**Christina Underwood,**

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

[FR Doc. 2022-20489 Filed 9-21-22; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. FAA-2022-0153; Project Identifier MCAI-2021-01051-A; Amendment 39-22172; AD 2022-19-03]

**RIN 2120-AA64**

#### Airworthiness Directives; Pilatus Aircraft Ltd. Airplanes

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is superseding Airworthiness Directive (AD) 2016-26-08, which applied to all Pilatus Aircraft Ltd. Model PC-12, PC-12/45, PC-12/47, and PC-12/47E airplanes. AD 2016-26-08 required incorporating revisions into the airworthiness limitations section (ALS) of the maintenance program and inspecting the main landing gear (MLG) attachment bolts for cracks and corrosion. Since the FAA issued AD 2016-26-08, the European Union Aviation Safety Agency (EASA) superseded its mandatory continuing airworthiness information (MCAI) to add a new life limit for certain MLG actuator bottom attachment bolts and then superseded it again to add new life limits for the rudder bellcrank. This AD requires incorporating new revisions to the ALS of the existing airplane maintenance manual (AMM) or Instructions for Continued Airworthiness (ICA) to establish a 5-year

life limit for certain MLG actuator bottom attachment bolts and new life limits for the rudder bellcrank. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective October 27, 2022.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of October 27, 2022.

**ADDRESSES:** For service information identified in this final rule, contact Pilatus Aircraft Ltd., CH-6371, Stans, Switzerland; phone: +41848247365; email: [techsupport.ch@pilatus-aircraft.com](mailto:techsupport.ch@pilatus-aircraft.com); website: [pilatus-aircraft.com/](http://pilatus-aircraft.com/). You may view this service information at the FAA, Airworthiness Products Section, Operational Safety Branch, 901 Locust, Kansas City, MO 64106. For information on the availability of this material at the FAA, call (817) 222-5110. It is also available at [regulations.gov](http://regulations.gov) by searching for and locating Docket No. FAA-2022-0153.

#### Examining the AD Docket

You may examine the AD docket at [regulations.gov](http://regulations.gov) by searching for and locating Docket No. FAA-2022-0153; 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 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.

#### FOR FURTHER INFORMATION CONTACT:

Doug Rudolph, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, 901 Locust, Room 301, Kansas City, MO 64106; phone: (816) 329-4059; email: [doug.rudolph@faa.gov](mailto:doug.rudolph@faa.gov).

#### SUPPLEMENTARY INFORMATION:

#### Background

The FAA issued a notice of proposed rulemaking (NPRM) to amend 14 CFR part 39 to supersede AD 2016-26-08, Amendment 39-18766 (82 FR 1172, January 5, 2017; corrected February 16, 2017, 82 FR 10859) (AD 2016-26-08). AD 2016-26-08 applied to all Pilatus Aircraft Ltd. (Pilatus) Model PC-12, PC-12/45, PC-12/47, and PC-12/47E airplanes. AD 2016-26-08 required incorporating revisions into the ALS of the existing FAA-approved maintenance program and inspecting the MLG attachment bolts for cracks and corrosion.