

hoist control installed, before each hoist operation after December 16, 2020 (the effective date of AD 2020-24-03), accomplish a ground test of the UP/DOWN switches for proper function. If there is any uncommanded hoist action, before further flight, remove the DUNLOP cyclic stick grip from service. Accomplishing the modification in paragraph (2) of EASA AD 2021-0023 constitutes terminating action for the requirements of this paragraph.

(2) 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 2021-0023.

#### (h) Exceptions to EASA AD 2021-0023

(1) Where EASA AD 2021-0023 refers to October 8, 2020 (the effective date of EASA Emergency AD 2020-0217-E, dated October 6, 2020 (EASA AD 2020-0217-E)), this AD requires using the effective date of this AD.

(2) Where the service information referenced in paragraph (1) of EASA AD 2021-0023 specifies that the "work must be performed on the helicopter by the operator," this AD requires that the work be accomplished by a mechanic that meets the requirements of 14 CFR part 65 subpart D.

(3) Where EASA AD 2021-0023 refers to its effective date, this AD requires using the effective date of this AD.

(4) Where EASA AD 2021-0023 refers to flight hours (FH), this AD requires using hours time-in-service.

(5) Where the service information referenced in EASA AD 2021-0023 specifies to discard certain placards and Flight Manual pages (that were required by EASA AD 2020-0217-E), this AD requires removing them.

(6) Where paragraph (3) of EASA AD 2021-0023 specifies to "inform all flight crews and, thereafter, operate the helicopter accordingly," this AD does not require those actions.

(7) Where paragraph (4) of EASA AD 2021-0023 allows modifying a Group 2 helicopter into a Group 1 helicopter, this AD also requires accomplishing the requirements of paragraph (g)(1) of this AD.

(8) The "Remarks" section of EASA AD 2021-0023 does not apply to this AD.

#### (i) No Reporting Requirement

Where the service information referenced in EASA AD 2021-0023 specifies to submit certain information to the manufacturer, this AD does not include that requirement.

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

(1) 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 local Flight Standards District Office, as appropriate. If sending information directly to the manager of the 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.

(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.

#### (k) Related Information

For more information about this AD, contact Daniel Poblete, Aerospace Engineer, Systems & Equipment Section, Los Angeles ACO Branch, Compliance & Airworthiness Division, 3960 Paramount Blvd., Lakewood, CA 90712; telephone (562) 627-5335; email [daniel.d.poblete@faa.gov](mailto:daniel.d.poblete@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 2021-0023, dated January 19, 2021.

(ii) [Reserved]

(3) For EASA AD 2021-0023, contact the 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 service information at the FAA, Office of the Regional Counsel, Southwest Region, 10101 Hillwood Pkwy., Room 6N-321, Fort Worth, TX 76177. For information on the availability of this material at the FAA, call 817-222-5110. This material may be found in the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0559.

(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 September 7, 2021.

#### Ross Landes,

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

[FR Doc. 2021-21117 Filed 9-29-21; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

**[Docket No. FAA-2021-0212; Project Identifier 2018-CE-032-AD; Amendment 39-21715; AD 2021-18-14]**

**RIN 2120-AA64**

#### Airworthiness Directives; DG Flugzeugbau GmbH Gliders

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for all DG Flugzeugbau GmbH Models DG-808C and DG-1000T gliders. This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI identifies the unsafe condition as damaged fuel hoses due to environmental and fatigue deterioration. This AD requires inspecting the polyurethane (PU) fuel hoses, replacing the PU fuel hoses if there is damage, and establishing a life limit for the PU fuel hoses. The FAA is issuing this AD to address the unsafe condition on these products.

**DATES:** This AD is effective November 4, 2021.

The Director of the Federal Register approved the incorporation by reference of certain publications listed in this AD as of November 4, 2021.

**ADDRESSES:** For service information identified in this final rule, contact DG Flugzeugbau GmbH, Otto-Lilienthal Weg 2, D-76646 Bruchsal, Germany; phone: +49 (0)7251 3202-0; email: [info@dg-flugzeugbau.de](mailto:info@dg-flugzeugbau.de); website: <https://www.dg-flugzeugbau.de/>. 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 (816) 329-4148. It is also available at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0212.

#### Examining the AD Docket

You may examine the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0212; 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:** Jim Rutherford, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, FAA, 901 Locust, Room 301, Kansas City, MO 64106; phone: (816) 329-4165; fax: (816) 329-4090; email: [jim.rutherford@faa.gov](mailto:jim.rutherford@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 all DG Flugzeugbau GmbH Models DG-808C and DG-1000T gliders. The NPRM published in the **Federal Register** on July 1, 2021 (86 FR 35027). The NPRM was prompted by MCAI originated by the European Aviation Safety Agency (EASA), which is the Technical Agent for the Member States of the European Union. EASA has issued EASA AD 2018-0127, dated June 11, 2018 (referred to after this as “the MCAI”), to address an unsafe condition on DG Flugzeugbau GmbH Models DG-808C and DG-1000T gliders. The MCAI states:

An occurrence was reported where, during accomplishment of a 10 years inspection on a DG-808C powered sailplane, a damaged (broken) PU [polyurethane] fuel hose was found. The result of subsequent investigation indicated that the damage mode has features of environmental and fatigue deterioration. Additionally, it was determined that similar PU fuel hoses are also installed on other powered sailplane types of the same manufacturer.

This condition, if not detected and corrected, could lead to reduced or interrupted fuel supply to the engine, consequent loss of the available power or fire, possibly resulting in reduced control of the powered sailplane.

To address this potential unsafe condition, DG-Flugzeugbau GmbH issued the applicable TN [Technical Note], providing instructions to inspect the affected parts and replace these with serviceable parts. Additionally, service life limits were established for those serviceable parts.

For the reasons described above, this [EASA] AD requires repetitive inspections of the affected parts. This [EASA] AD also requires replacement of the affected parts with serviceable parts and introduces life limits for serviceable parts.

You may examine the MCAI in the AD docket at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0212.

**Discussion of Final Airworthiness Directive****Comments**

The FAA received no comments on the NPRM or on the determination of the costs.

**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 and service information 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 these products. This AD is adopted as proposed in the NPRM.

**Related Service Information Under 14 CFR Part 41**

The FAA reviewed DG Flugzeugbau GmbH Technical Note No. 800/46, Doc. No. TM800-46 FE-29-01 (English version), Issue 01.a, dated March 7, 2018, for Model DG-808C gliders; and Technical Note No. 1000/38, Doc. No. TM1000-38 FE-29-01 (English version), Issue 01.a, dated February 15, 2018, for Model DG-1000T gliders. The service information, as applicable to the appropriate model glider, specifies inspections of the PU fuel hoses, replacement of the PU fuel hoses if damage is found during an inspection, and actions to take when the hoses have reached their life limit. 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**.

**Differences Between This AD and the MCAI**

The MCAI requires replacing any damaged fuel hoses before next engine operation, while this AD requires replacing damaged fuel hoses before further flight. Even though use of the engine is optional and the glider can operate without the engine, the glider has other electronic equipment installed that could cause arcing and result in an in-flight fire if there is a fuel leak.

**Costs of Compliance**

The FAA estimates that this AD affects 10 gliders of U.S. registry. The FAA also estimates that inspecting the fuel hoses will take about 2 work-hours. The average labor rate is \$85 per work-hour.

Based on these figures, the FAA estimates the cost of this AD on U.S. operators to be \$1,700, or \$170 per glider, each inspection cycle.

In addition, the FAA estimates that each replacement required by this AD would take about 8 work-hours and require parts costing \$500. Based on these figures, the FAA estimates the replacement cost of this AD to be \$1,180 per glider.

**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:

**2021-18-14 DG Flugzeugbau GmbH:**  
Amendment 39-21715; Docket No. FAA-2021-0212; Project Identifier 2018-CE-032-AD.

**(a) Effective Date**

This airworthiness directive (AD) is effective November 4, 2021.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to DG Flugzeugbau GmbH Models DG-808C and DG-1000T gliders, all serial numbers, certificated in any category.

**(d) Subject**

Joint Aircraft System Component (JASC) Code 2800, Aircraft Fuel System.

**(e) Unsafe Condition**

This AD was prompted by mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as damaged polyurethane (PU) fuel hoses due to environmental and fatigue deterioration. The FAA is issuing this AD to prevent reduced or interrupted fuel supply to the engine or fuel leakage. The unsafe condition, if not addressed, could result in loss of engine power or in-flight fire.

**(f) Definitions**

(1) For purposes of this AD, an “affected part” is a PU fuel hose installed in an airframe fuel system or engine compartment that:

- (i) Does not meet industrial standard DIN 73379-2A, or
- (ii) Does not meet ISO 7840-A1 without metal shielding.

(2) For purposes of this AD, a “serviceable part” is a PU fuel hose installed in an airframe fuel system or engine compartment that:

- (i) Meets industrial standard DIN 73379-2A, or
- (ii) Meets industrial standard ISO 7840-A1 without metal shielding.

**(g) Inspections for Gliders With An Affected Part Installed**

Within the next 30 days after the effective date of this AD and thereafter at intervals not to exceed 12 months, visually inspect each affected part for fissures, kinks, and leaks. For this inspection, the ignition switch must be turned on to run the electric fuel pump to demonstrate an operating fuel pressure.

(1) If a fissure, kink, or leak is found on an affected part during any inspection required by the introductory language to paragraph (g) of this AD, before further flight: Replace all affected parts with unused (zero hours time-in-service (TIS)) serviceable parts by following paragraphs 3 and 4 of the Instructions in DG Flugzeugbau GmbH Technical Note No. 800/46, Doc. No. TM800-46 FE-29-01 (English version) Issue 01.a, dated March 7, 2018 (TN No. 800/46), or paragraphs 3 through 5 of the Instructions in DG Flugzeugbau GmbH Technical Note No. 1000/38, Doc. No. TM1000-38 FE-29-01 (English version) Issue 01.a, dated February 15, 2018 (TN No. 1000/38), as applicable to your model glider.

(2) If no fissures, kinks, and leaks are found on all affected parts during any inspection

required by the introductory language to paragraph (g) of this AD, before each affected part accumulates 6 years since first installation on a glider or within 6 months after the effective date of this AD, whichever occurs later: Replace all affected parts with unused (zero hours TIS) serviceable parts by following paragraphs 3 and 4 of the Instructions in TN No. 800/46 or paragraphs 3 through 5 of the Instructions in TN No. 1000/38, as applicable to your model glider. If the date of first installation on a glider is unknown for any affected hose, replace all affected hoses within 6 months after the effective date of this AD.

**(h) Inspections for Gliders With Only Serviceable Parts Installed**

(1) Before or upon accumulating 6 years since first installation on a glider and thereafter at intervals not to exceed 12 months, visually inspect each serviceable part for fissures, kinks, and leaks. For this inspection, the ignition switch must be turned on to run the electric fuel pump to demonstrate an operating fuel pressure.

(2) If a fissure, a kink, or a leak is found during any inspection required by paragraph (h)(1) of this AD, before further flight, replace the part with an unused (zero hours TIS) serviceable part by following paragraphs 3 and 4 of the Instructions in TN No. 800/46 or paragraphs 3 through 5 of the Instructions in TN No. 1000/38, as applicable to your model glider.

**(i) Life Limit**

Before accumulating 10 years since first installation on a glider and thereafter at intervals not to exceed 10 years, remove each serviceable part from service and replace with an unused (zero hours TIS) serviceable part by following paragraphs 3 and 4 of the Instructions in TN No. 800/46 or paragraphs 3 through 5 of the Instructions in TN No. 1000/38, as applicable to your model glider.

**(j) Parts Installation Prohibition**

As of the effective date of this AD, do not install an affected part on any glider.

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

(1) The Manager, International Validation Branch, 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 or email: [9-AVS-AIR-730-AMOC@faa.gov](mailto:9-AVS-AIR-730-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.

**(l) Related Information**

(1) For more information about this AD contact Jim Rutherford, Aviation Safety Engineer, General Aviation & Rotorcraft Section, International Validation Branch, FAA, 901 Locust, Room 301, Kansas City,

MO 64106; phone: (816) 329-4165; fax: (816) 329-4090; email: [jim.rutherford@faa.gov](mailto:jim.rutherford@faa.gov).

(2) Refer to European Aviation Safety Agency (EASA) AD 2018-0127, dated June 11, 2018, for more information. You may examine the EASA AD in the AD docket on the website at <https://www.regulations.gov> by searching for and locating Docket No. FAA-2021-0212.

**(m) 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 the AD specifies otherwise.

(i) DG Flugzeugbau GmbH Technical Note No. 800/46, Doc. No. TM800-46 FE-29-01 (English version), Issue 01.a, dated March 7, 2018.

(ii) DG Flugzeugbau GmbH Technical Note No. 1000/38, Doc. No. TM1000-38 FE-29-01 (English version), Issue 01.a, dated February 15, 2018.

(3) For service information identified in this AD, contact DG Flugzeugbau GmbH, Otto-Lilienthal Weg 2, D-76646 Bruchsal, Germany; phone: +49 (0)7251 3202-0; email: [info@dg-flugzeugbau.de](mailto:info@dg-flugzeugbau.de); website: <https://www.dg-flugzeugbau.de/>.

(4) You may view this service information at 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 (816) 329-4148.

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

Issued on August 26, 2021.

**Lance T. Gant,**

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

[FR Doc. 2021-21095 Filed 9-29-21; 8:45 am]

**BILLING CODE 4910-13-P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

**[Docket No. FAA-2021-0574; Project Identifier 2019-SW-073-AD; Amendment 39-21725; AD 2021-19-07]**

**RIN 2120-AA64**

**Airworthiness Directives; Hélicoptères Guimbal Helicopters**

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

**ACTION:** Final rule.

**SUMMARY:** The FAA is adopting a new airworthiness directive (AD) for certain