

# **FEDERAL AVIATION ADMINISTRATION AIRWORTHINESS DIRECTIVES**

**SMALL AIRCRAFT, ROTORCRAFT, GLIDERS  
BALLOONS, AIRSHIPS, AND UAS**

**BIWEEKLY 2023-02**

01/02/2023 - 01/15/2023



Federal Aviation Administration  
Continued Operational Safety Policy Section, AIR-141  
P.O. Box 25082  
Oklahoma City, OK 73125-0460

## **CHANGE OF ADDRESS NOTICE**

Any change of address regarding the biweekly service must include the mailing label from a recent issue or your name and address printed exactly as they appear on the mailing label (including the computer number above the address).

Please allow one month for an address change.

**MAIL YOUR ADDRESS CHANGE TO:**

Superintendent of Documents  
Government Printing Office  
Mail List Branch SSOM  
Washington, DC 20402

Telephone: (202) 512-1806  
Facsimile: (202) 512-2250

## SMALL AIRCRAFT

AD No.	Information	Manufacturer	Applicability
--------	-------------	--------------	---------------

Information Key: E- Emergency; COR - Correction; R - Replaces, A- Affects

### Biweekly 2023-01

2022-26-01		GE Aviation Czech s.r.o.	M601D-11,M601E-11,M601E-11A,M601E-11AS,M601E-11S,M601F,H75-100,H75-200,H80,H80-100,H80-200,H85-100,H85-200
2022-27-03		Leonardo S.p.a.	AB139,AW139
2022-27-08		Bell Textron Canada Limited	407

### Biweekly 2023-02

2022-27-09		Airbus Helicopters	EC130T2
2023-01-02		Leonardo S.p.a.	A109,A109A,A109A II,A109C,A109E,A109K2,A109S,AW109SP

# PART 39-AIRWORTHINESS DIRECTIVES

The authority citation for part 39 continues to read as follows:

[Amended]

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

**2022-27-09 Airbus Helicopters:** Amendment 39-22294; Docket No. FAA-2022-1664; Project Identifier MCAI-2022-01585-R.

## **(a) Effective Date**

This airworthiness directive (AD) is effective January 30, 2023.

## **(b) Affected ADs**

None.

## **(c) Applicability**

This AD applies to Airbus Helicopters Model EC130T2 helicopters, certificated in any category, as identified in European Union Aviation Safety Agency (EASA) Emergency AD 2022-0251-E, dated December 14, 2022 (EASA AD 2022-0251-E).

## **(d) Subject**

Joint Aircraft System Component (JASC) Code: 6510, Tail Rotor Drive Shaft.

## **(e) Unsafe Condition**

This AD was prompted by a report of a crack in the tailboom. The FAA is issuing this AD to address an excessive vibration level on the tail rotor drive shaft. The unsafe condition, if not addressed, could result in failure of the tail rotor drive shaft and subsequent loss of yaw control of the helicopter.

## **(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 2022-0251-E.

## **(h) Exceptions to EASA AD 2022-0251-E**

(1) Where EASA AD 2022-0251-E requires compliance in terms of flight hours, this AD requires using hours time-in-service.

(2) Where EASA AD 2022-0251-E refers to its effective date, this AD requires using the effective date of this AD.

(3) Where EASA AD 2022-0251-E refers to tail rotor drive shaft checks, this AD requires tail rotor drive shaft inspections.

(4) Where paragraph (2) of EASA AD 2022-0251-E specifies contacting AH [Airbus Helicopters] to obtain approved instructions, this AD requires, before further flight, reporting results to Airbus Helicopters and accomplishing corrective action in accordance with a method approved by the Manager, General Aviation & Rotorcraft Section, International Validation Branch, FAA; or EASA; or Airbus Helicopters' EASA Design Organization Approval (DOA). If approved by the DOA, the approval must include the DOA-authorized signature.

(5) Where paragraph (3) of EASA AD 2022-0251-E specifies reporting results to AH [Airbus Helicopters] within 14 days after the check, this AD requires reporting the results at the applicable time in paragraph (h) (5)(i) or (ii) of this AD.

(i) If the inspection was done on or after the effective date of this AD: Submit the report within 10 days after the inspection.

(ii) If the inspection was done before the effective date of this AD: Submit the report within 10 days after the effective date of this AD.

(6) This AD does not adopt the Remarks paragraph of EASA AD 2022-0251-E.

## **(i) Special Flight Permit**

Special flight permits may be issued in accordance with and only to operate the helicopter to a location where the first tail rotor drive shaft inspection can be performed, provided no passengers are onboard.

## **(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 . In accordance with , 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: .

(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 Kristi Bradley, Program Manager, COS Program Management Section, Operational Safety Branch, Compliance & Airworthiness Division, FAA, 10101 Hillwood Pkwy., Fort Worth, TX 76177; telephone (817) 222-5110; email .

## **(I) 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 and .

(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) Emergency AD 2022-0251-E, dated December 14, 2022.

(ii) [Reserved]

(3) For EASA AD 2022-0251-E, contact EASA, Konrad-Adenauer-Ufer 3, 50668 Cologne, Germany; telephone +49 221 8999 000; email ; internet *easa.europa.eu*. You may find the EASA material on the EASA website at *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.

(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 , or go to: .

Issued on January 2, 2023.

Christina Underwood,

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

[ Filed 1-11-23; 11:15 am ]

BILLING CODE 4910-13-P

# PART 39-AIRWORTHINESS DIRECTIVES

The authority citation for part 39 continues to read as follows:

[Amended]

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

**2023-01-02 Leonardo S.p.a.:** Amendment 39-22296; Docket No. FAA-2022-0818; Project Identifier AD-2022-00299-R.

## (a) Effective Date

This airworthiness directive (AD) is effective February 17, 2023.

## (b) Affected ADs

None.

## (c) Applicability

This AD applies to Leonardo S.p.a. Model A109, A109A, A109A II, A109C, A109E, A109K2, A109S, and AW109SP helicopters, certificated in any category, modified by Supplemental Type Certificate SR01812LA with A109 Float (with/without Liferafts System) DART Aerospace 634.4100 Kit Series part number (P/N) 634.4101, 634.4102, 634.4103, 634.4104, 634.4106, or 634.4107 with float assembly P/N 644.0501, 644.0502, 644.0503, 644.0504, 644.0505, or 644.0506 installed.

## (d) Subject

Joint Aircraft System Component (JASC) Code: 2560, Emergency Equipment.

## (e) Unsafe Condition

This AD was prompted by a report of two forward floats not deploying after an inadvertent activation. The FAA is issuing this AD to ensure the affected floats work as intended. The unsafe condition, if not addressed, could result in the helicopter either rolling to one side or capsizing in an event of an emergency landing on water.

## (f) Compliance

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

## (g) Required Actions

Within 300 hours time-in-service or within 6 months after the effective date of this AD, whichever occurs first, remove each float assembly identified in paragraph (c) of this AD and repair or replace it in accordance with a method approved by the Manager, Los Angeles ACO Branch, FAA. For a repair or replacement

method to be approved by the Manager, Los Angeles ACO Branch, as required by this paragraph, the Manager's approval letter must specifically refer to this AD.

## **(h) Credit for Previous Actions**

This paragraph provides credit for the actions required by paragraph (g) of this AD, if those actions were accomplished before the effective date of this AD using DART Aerospace Service Bulletin SB2021-05, Revision N/C, dated December 6, 2021.

## **(i) Alternative Methods of Compliance (AMOCs)**

(1) The Manager, Los Angeles ACO Branch, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in . In accordance with , 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 paragraph (j)(1) of this AD. Information may be emailed to: .

(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**

(1) For more information about this AD, contact Johann S. Magana, Aerospace Engineer, Cabin Safety & Environmental Systems Section, Los Angeles ACO Branch, Compliance & Airworthiness Division, FAA, 3960 Paramount Blvd., Lakewood, CA 90712; telephone (562) 627-5322; email .

(2) For DART service information identified in this AD that is not incorporated by reference, contact Apical Industries, Inc., Jason Gardiner, 3030 Enterprise Ct., Vista, CA 92081, United States; phone: (760) 542-2096; email: ; website: [dartaerospace.com/](http://dartaerospace.com/). 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.

## **(k) Material Incorporated by Reference**

None.

Issued on January 4, 2023.

Gaetano A. Sciortino,

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

[ Filed 1-12-23; 8:45 am]

BILLING CODE 4910-13-P