



Airworthiness Directive

AD No.: 2024-0071

Issued: 14 March 2024

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I Part M.A.301, or Annex Vb Part ML.A.301, as applicable, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I Part M.A.303, or Annex Vb Part ML.A.303, as applicable] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

HELICOPTERES GUIMBAL

Type/Model designation(s):

Cabri G2 helicopters

Effective Date: 21 March 2024

TCDS Number(s): EASA.R.145

Foreign AD: Not applicable

Supersedure: None

ATA 62 – Main Rotor – Swashplate– Inspection

Manufacturer(s):

Hélicoptères Guimbal (HG)

Applicability:

Cabri G2 helicopters, all serial numbers (s/n).

Definitions:

For the purpose of this AD, the following definitions apply:

The SB: HG Service Bulletin (SB) 24-001 Revision B.

Affected part: Swashplate, having Part Number G41-00-000.

Reason:

Occurrences were reported where, during maintenance, cracks were found on the rotating and the non-rotating part of the swashplates of (two) Cabri G2 helicopters.

This condition, if not detected and corrected, could lead to failure of the affected part (as defined in this AD), possibly resulting in loss of control of the helicopter.



To address this potential unsafe condition, HG issued the SB, as defined in this AD, to provide instructions for inspection of the affected parts.

For the reason described above, this AD requires inspection of the affected parts and, depending on findings, accomplishment of applicable corrective action(s).

Required Action(s) and Compliance Time(s):

Required as indicated by this AD, unless the action(s) required by this AD have been already accomplished:

Inspection(s):

- (1) Within the compliance time specified in Table 1 of this AD, as applicable, depending on the s/n of the swashplate installed on the helicopter, and, thereafter, at intervals not to exceed 60 flight hours (FH) or 14 months, whichever occurs first, inspect all (6) arms of the affected part in accordance with the instructions of the SB.

Table 1 – Inspection Threshold

Swashplate s/n	Compliance Time
s/n 801 to 1077 inclusive	Within 30 FH or 4 months, whichever occurs first after the effective date of this AD
s/n 1078 and up	Within 60 FH or 6 months, whichever occurs first after the effective date of this AD

Corrective Action(s):

- (2) If, during any inspection as required by paragraph (1) of this AD, any crack(s) are found, before next flight, replace the affected part with a serviceable part in accordance with the instructions of the SB.

Credit:

- (3) Inspections of the affected part of a helicopter, accomplished before the effective date of this AD in accordance with the instructions of HG SB 24-001 A (original issue), are acceptable to comply with the initial inspection requirement of paragraph (1) of this AD for that helicopter.

Terminating Action:

- (4) None.

Parts Installation:

- (5) From the effective date of this AD, it is allowed to install an affected part on a helicopter, provided that, before installation, it passes (no cracks found) an inspection in accordance with the instructions of the SB and, thereafter, it is inspected as required by this AD.

Ref. Publications:

HG SB 24-001 (A) original issue dated 07 February 2024, or Revision B dated 13 March 2024.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.



Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. Based on the required action(s) and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. All interested persons may send their comments, referencing the AD Number, to the E-mail address specified in below Remark 3, prior to 11 April 2024. Only if any comment is received during the consultation period, a Comment Response Document will be published in the [EASA Safety Publications Tool](#), in a compressed ('zipped') file, attached to the record for this AD.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the [EU aviation safety reporting system](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
5. For any question concerning the technical content of the requirements in this AD, please contact: Hélicoptères Guimbal – Customer Support, Aérodrome d'Aix-en-Provence, 1070 rue Lieutenant Parayre, 13290 Les Milles, France; Telephone: +33 (0) 4 42 39 10 88, Fax: +33 (0) 4 42 39 10 82, or E-mail: support@guimbal.com.

