

		SERVICE BULLETIN		SB 24-001 C
		☒ MANDATORY ☐ OPTIONAL	☐ RECOMMENDED ☐ REPAIR	
Subject		Swashplate Inspection		
Date of Entry into Force		March 21 st , 2024		
Deadline and recurrence		See below		
Associated Airworthiness Directive		EASA AD 2024-0071		
Associated Modification / Repair		N/A		
Impact on Weight and Balance		N/A		
HG Contact		Customer Support Tel: +33 (0)4 42 39 10 88 E-Mail: support@guimbal.com		
Revision	Subject		Date	
A	Creation		Feb. 7 th , 2024	
B	Change of inspection deadlines. Caution added.		Mar. 13 th , 2024	
C	AD ref. added		Mar 20 th , 2024	

Applicability

Cabri G2 fitted with swashplate P/N **G41-00-000** (all S/N).

Situation

HG has had reports of cracks on swashplate **G41-00-000**, likely to be related to ageing and corrosion:



The present Service Bulletin prescribes the inspection of the swashplate arms for cracks.

Deadline and recurrence

Aircraft fitted with swashplate S/N 801 to S/N 1077

First inspection: Within the next 30 flight hours or 4 months, whichever occurs first, from the effective date of the AD (March 21st, 2024).

Recurrent inspection: At intervals not exceeding 60 flight hours or 14 months, whichever occurs first.

Aircraft fitted with swashplate S/N 1078 and following

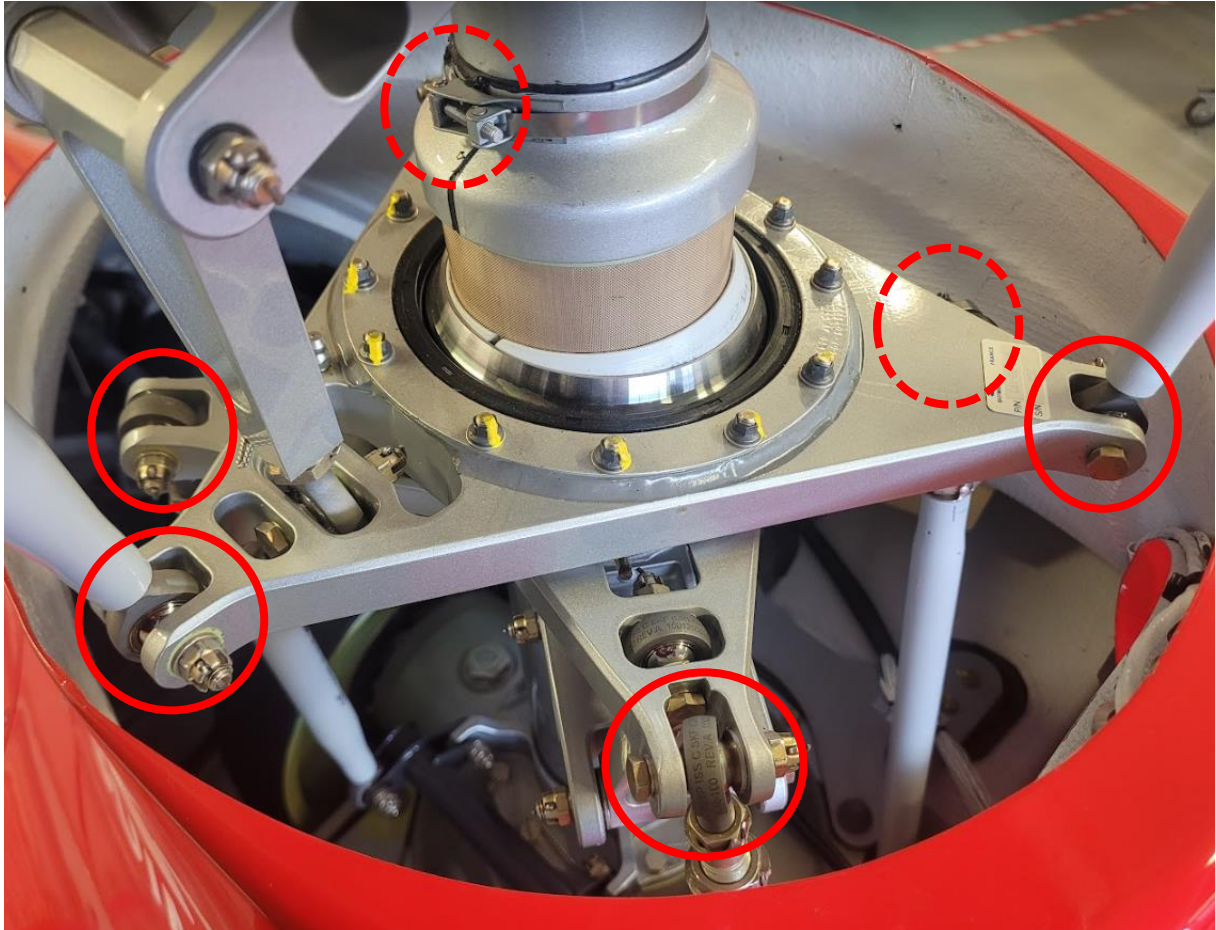
First inspection: Within the next 60 flight hours or 6 months, whichever occurs first, from the effective date of the AD (March 21st, 2024).

Recurrent inspection: At intervals not exceeding 60 flight hours or 14 months, whichever occurs first.

Note: Regardless of the swashplate TSN, if issue A or B of this Service Bulletin was previously complied with, the first inspection is not required and only the recurrent inspections must be complied with.

Required Actions

- a) Use a flashlight and inspect the six arms from both the rotating and non-rotating swashplates for cracks:



Caution: Pay attention to each face of each clevis arm.

- b) In case of doubt and/or paint damage, particularly paint peeling off, remove the paint using P600-GRIT abrasive for further crack inspection.
- c) If a crack is found, replace the swashplate with a serviceable one before further flight and contact HG support.
- d) If no crack is found, paint touch up the areas where paint has been removed:
- degrease the area using MEK,
 - apply Alodine,
 - apply anti-corrosion chromate primer: **HG31-0031** primer mixed with **HG31-1471** hardener, see **SB 18-030** for mixing ratio,
 - apply paint: **HG31-0033** paint mixed with **HG31-1304** hardener and **HG31-2704** thinner, see **SB 18-030** for mixing ratio.

Swashplate must NOT be released to service until paint touch up has been completed on every area where paint has been removed.