

ASRA Safety Alert SA 2024.01

January 30th, 2024

Subject: ELA 07 Cougar cracks in the rotor brake/ trim assembly

The following report is provided by David Owen, Fleurieu Gyroplanes, ELA Service Centre, South Australia.



Aircraft Type: ELA07-Cougar

Applicable Types: All ELA types (ELA07-Cougar, ELA07S, ELA07-Scorpion, ELA09-Junior, ELA10-Eclipse)

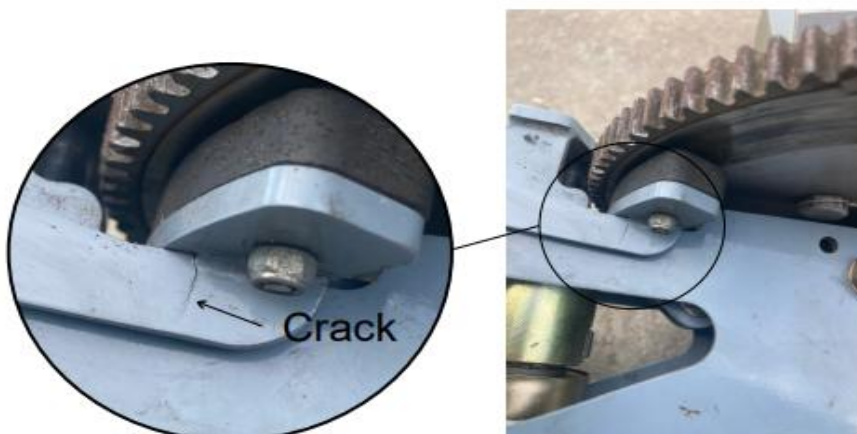
Observed fault:

Aircraft has 800hrs operation and during a routine pre-flight inspection the following cracks were observed in the rotor-brake / trim assembly. Due to the nature of the offset crank for trim control a failure in flight of this part could, potentially, result in the rotor brake jamming between the rotor head and the pre-rotator ring gear.

Recommendation:

Before next flight, inspect closely for any signs of cracks. Add this point to all pre-flight inspections as exact time of cracks developing is unknown.

Report any signs of cracks to ELA Aviacion PTY Ltd (technical.support@elaaviacion.com) and cc. Fleurieu Gyroplanes at david@flyagyro.com.au and / or ASRA direct.



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