

AUSTRALIAN .SPORT ROTORCRAFT .ASSOCIATION



MEMO

8 September 2016

TO: ASRA MTO Owners

FROM: Operations Manager

SUBJECT: RS 2 Rotor System

Dear Members,

The ASRA Database has identified you as being the owners of gyroplanes manufactured by Autogyro Europe and distributed by Autogyro Australia.

The Australian distributor has made application to ASRA for relaxation of the requirements of ASRA AD 2008/01 in respect of the latest version of the MTO manufactured rotor system known as the RS 2. The earlier version is known as the RS 1.

Documentation has been provided by Autogyro and includes strain and stress analysis together with a copy of the UK CAA approved Maintenance Manual. An agreement exists between Australia and the UK in respect of aviation approvals such that approvals issued in one country are accepted by the other. ASRA subscribes to this agreement in general.

The maintenance manual presented has placed a life of 2500 hours on the RS 2 rotor system as a whole with no differentiation between the blades and hub-bar. Regular inspections as per the approved maintenance manuals are still required. Having closely perused the provided documents, ASRA has formed the opinion that the published life for this rotor system can be extended without limitations to that approved by the UK CAA, viz. 2500hours.

NOTE: The rotor system life extension is ONLY valid for the RS 2 rotor system and not the original RS 1 system.

The RS 2 system may be identified by the fact that the total diameter is 8.4 or 8.8 metres and the blades have red or blue end caps and a stepped down hub-bar.

RS 2 rotor systems manufactured by Autogyro Europe are exempt from the requirements of ASRA AD 2008/01 and the service life of this system may be extended to 2500 hours provided that regular inspections are carried out in accordance with the operating manuals for the individual types and provided no abnormalities are found with any component of the rotor system.

Failures of any rotor system component must be reported to ASRA and Autogyro Australia without delay.



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