

LAA/AWA/20/14
8th June 2020

Jabiru Engines – All Models

Service Letter – JSL 023-2

Jabiru Engine Overhauling – Important Build Issues

In July 2019, the manufacturers of the popular Jabiru 2200 and 3300 air cooled engine, Jabiru Aircraft PTY Ltd. issued a Service Letter offering advice to owners and maintainers relating to best-practice when overhauling their engines.

In May 2020 this Service Letter was re-issued (to Issue 2) to include important guidance when carrying out non-scheduled maintenance, in particular, a 'top-end' overhaul.

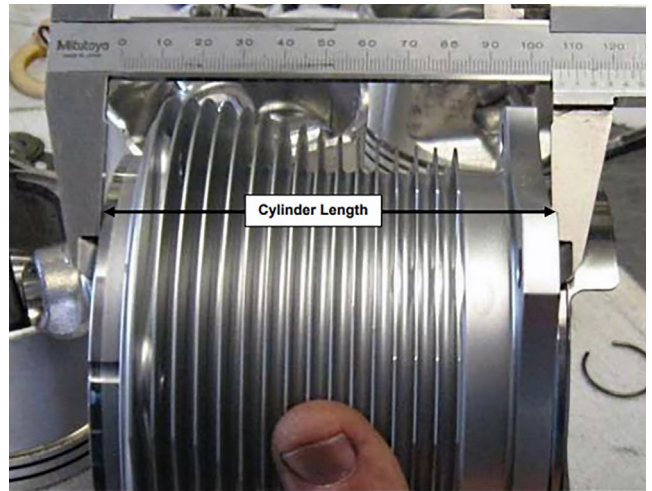
This comprehensive Service Letter emphasises the importance of using the most up-to-date version of the relevant engine overhaul manuals. This is especially important when checking piston-to-bore clearances and cylinder barrel 'roundness', where errors in this area have led to premature engine stoppages in the UK fleet.

Another area of concern discussed in the Service Letter, again driven by engine inspection reports following engine failures, relates to the correct installation of gudgeon pin circlips.

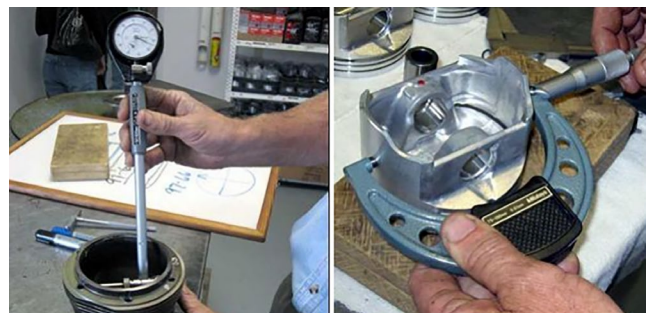
All Jabiru Service Letters and Engine Service Bulletins and Advisory Notes can be sourced in the 'Support' section in Jabiru's website:

<https://jabiru.net.au/service/service-bulletins/>

A copy of Jabiru Service Letter – JSL 023-2 may be downloaded directly [HERE](#).



When carrying out a top-overhaul on a Jabiru engine, it is essential that close reference is made to the relevant and most up-to-date issue of the overhaul manual. Incorrect clearances may lead to premature wear or an unexpected engine stoppage.



An engine overhaul will almost certainly require specialist measurement equipment. This picture shows the equipment required to ensure that the piston to bore clearance is within manufacturer's limits before final assembly.