



RECREATIONAL AVIATION AUSTRALIA INC

Date: 10th October 2014

RECREATIONAL AIRCRAFT AIRWORTHINESS NOTICE

AIRWORTHINESS NOTICE IDENTIFICATION NUMBER:10102014

CRACKING ON JABIRU CYLINDER HEADS. ADVISORY INSPECTION.

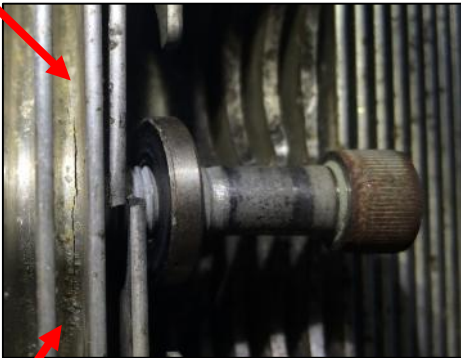
To: All owners and operators of Jabiru aircraft operating 4 and 6 cylinder air cooled Jabiru engines.

Background: Recently during scheduled maintenance, cracks were discovered between the cooling fins in and around the area of the hold down bolts. Cylinder heads had approximately 1900hours TTIS

Action Required:

Advisory inspection before next flight:

Inspect the cylinder heads firstly via visual means. Then carry out an inspection with a 10X magnifying glass in and around the cooling fins especially in and around the cylinder hold down bolts.



This picture shows the crack via visual inspection under the cylinder head hold down bolt



This picture was taken through a 10X magnifying glass. This was also around the cylinder head hold-down.

Reports and Recording. On initial inspection if any cracking is identified flight operations are to be suspended immediately and contact with Jabiru Aircraft Pty Ltd and the completion of a RA-Aus accident report to be submitted. Serviceable parts are to be installed in accordance with the Jabiru engine manuals. On completion of the inspection and if nil defect is evident a similarly worded statement is to be recorded in the aircrafts airframe log book citing **10102014.**

Darren Barnfield

Technical Manager

Defect Reporting is one of the primary ways we have in ensuring continued safety in our operations.