

Jabiru Service Letter: 2200 Engine Distributor & Rotor			JABIRU AIRCRAFT PTY LTD		
			P.O. Box 5792 Bundaberg West Queensland, Australia.	Phone:+61 7 4155 1778 Fax:+61 7 4155 2669 Web: www.jabiru.net.au Email: info@jabiru.net.au	
JSL015-1	Release Date: 15th Dec 2014	Effective Date: 5th Jan 2015	Affected Models: See Applicability	S/No. Range: See Applicability	Page 2 of 5

1 General:

1.1 Background

- In July 2014 Jabiru Aircraft released a notification to owners of certain 2200 engines regarding a potential issue affecting their ignition systems.
- The issue can occur when the housing for the spring-loaded central carbon brush rubs against the rotor as it turns. Over time in service the friction in this area can “weld” the rotor to the cap and in some cases has led to a failure of the rotor and then of the ignition.



Figure 1 – Damaged Distributor and Rotor

- Recently another occurrence of this issue was reported. The defect was found and corrected before an engine failure occurred. Accordingly, Jabiru has prepared this document to inform owners and recommend corrective action.

1.2 Symptoms

- i. Stalling at idle or low power settings
- ii. Slight RPM variation in operation.
- iii. Distributor caps may feel loose.

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2 Recommendations:

- Where the original OEM parts or parts supplied in the time frame noted on Page 1 are fitted to engines within the applicability limits: Jabiru Aircraft recommend that both distributor caps are removed and both the cap and rotor inspected. Damaged parts are to be replaced in accordance with the details given in the Jabiru Engine Maintenance Manual – Document JEM0002 (latest approved issue).
- Where the parts have already been replaced no inspections are required.



Figure 2 – Bosch Rotor (on left) and Pattern Part (right)

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3 Compliance – Implementation Schedule

- Engines requiring inspection in accordance with Section 2 are recommended to have this work carried out before further flight.

4 Contact Information:

- Anyone identifying this problem with a Jabiru Engine is asked to report it in writing to Jabiru Aircraft (Australia) at info@jabiru.net.au using the following Continued Operating Safety Monitoring form.

Preferred Method of Contact: email info@jabiru.net.au
Postal Address: Jabiru Aircraft P/L
PO Box 5186
Bundaberg West, 4670
QLD, Australia

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Continued Operating Safety Reporting Form

Document: COSM2-1

The owner/operator of a LSA is responsible for notifying the manufacturer of any safety of flight issue or significant service difficulty upon discovery.

Date:	
Aircraft Model	
Aircraft Registration	
Aircraft S/No.	
Engine S/No.	
Details of item:	
Name of Reporter:	
Preferred Contact Details of Reporter	

Jabiru LSA Service Notification: 2200 Engine Distributor & Rotor			JABIRU AIRCRAFT PTY LTD		
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LSA Service Notification: JSN 015

Issue: 1

Date: 15th Dec 2014

Subject: 2200 Engine Distributor & Rotor

Release Date: 15th Dec 2014

Effective Date: 5th Jan 2015

Applicability:

- As detailed in the general applicability section of Jabiru Service Letter JSL015.

Requirements:

- As detailed in the general requirements section of Jabiru Service Letter JSL015.

Compliance:

- As detailed in the general compliance section of Jabiru Service Letter JSL015.