# Jabiru Service Letter: 2200 Engine Distributor & Rotor

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

JABIRU AIRCRAFT PTY LTD

Page **1** of **5** 

**SERVICE LETTER: JSL015** 

Issue: 1

Date: 15<sup>th</sup> Dec 2014

Subject: 2200 Engine Distributor & Rotor

Release Date: 15<sup>th</sup> Dec 2014

Effective Date: 5<sup>th</sup> Jan 2015

Applicability: 2200 engines S/No 22A3574 to 22A3684

(Includes 22B284, 22B286 to 22B306 and 22B318)

2200 Parts supplied from 21-Feb-2012 to 18-Dec-2013.

Issue	Reason for Issue	Revision Status
1	Original Issue	CURRENT

1	GENERAL:	2
2	RECOMMENDATIONS:	
_	COMPLIANCE - IMPLEMENTATION SCHEDULE	
	CONTACT INFORMATION:	

				JABIRU AIRCRAFT PTY LTD	
Jabiru Service Letter: 2200 Engine Distributor & Rotor		P.O. Box 5792	Pho	one:+61 7 4155 1778	
		Bundaberg West	Fax:	+61 7 4155 2669	
		Queensland,	We	eb: www.jabiru.net.au	
		Australia.	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 <b>2</b> of <b>5</b>

#### 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.

				JABIRU AIRCRAFT PTY LTD		
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2200 Eligine Distributor & Hotor			Queensland,	We	eb: www.jabiru.net.au	
		Australia.	Emai	: info@jabiru.net.au		
JSL015-1	Release Date:	Effective Date:	Affected Models:	S/No. Range:	Page <b>3</b> of <b>5</b>	
552310 1	15th Dec 2014	5th Jan 2015	See Applicability	See Applicability		

#### 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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Page **4** of **5** 

#### 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 <a href="mailto:info@jabiru.net.au">info@jabiru.net.au</a>
Postal Address: Jabiru Aircraft P/L

PO Box 5186

Bundaberg West, 4670

QLD, Australia

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JABIRU AIRCRAFT PTY LTD

Page **5** of **5** 

## **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	
Ποροπισι	Form No COSR-1
	Form No COSR-1

#### JABIRU AIRCRAFT PTY LTD **Jabiru LSA Service Notification:** P.O. Box 5792 Phone:+61 7 4155 1778 **Bundaberg West** Fax:+61 7 4155 2669 2200 Engine Distributor & Rotor Queensland, Web: www.jabiru.net.au Australia. Email: info@jabiru.net.au Affected Models: S/No. Range: Release Date: Effective Date: **JSN** 015-1 Page 1 of 1 See Applicability See Applicability 15th Dec 2014 5th Jan 2015

LSA Service Notification: JSN 015

Issue:

Date: 15<sup>th</sup> 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.