

| | | | | | |
|---|--|--|---------------------------------------|---|-------------|
| Jabiru Service Letter: Fuel Pump Drain | | 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 | |
| JSL022-1 | Release Date: 8 th February 2019 | Effective Date: 8th February 2019 | Affected Models: See Applicability | S/No. Range: See Applicability | Page 1 of 4 |

SERVICE LETTER: JSL022-1

Issue: 1

Release Date: 8th February 2019

Effective Date: 8th February 2019

Subject: Fuel Pump Drain.

Affected Models: All Jabiru Airframes.

| | | |
|----------|---|----------|
| 1 | APPLICABILITY | 1 |
| 2 | BACKGROUND | 1 |
| 2.1 | GENERAL | 1 |
| 2.1.1 | <i>Fuel pump drain line blockage.</i> | 1 |
| 3 | PROCEDURES | 2 |
| 3.1 | CHANGE FASTENINGS FOR PIPES. | 2 |
| 4 | COMPLIANCE | 3 |

1 Applicability

This document is an **informational letter** applicable to all Jabiru Aircraft.

2 Background

This Service letter has been released to address potential issues relating to the blockage of the fuel drain line from the mechanical fuel pump.

2.1 General

2.1.1 Fuel pump drain line blockage.

The mechanical fuel pump on the engine has a drain line that drains fuel away from the engine in the case of the diaphragm developing a leak. It has been found that if this line is blocked, operation of the fuel pump can be affected. The usual reason for blockage is that the ties that hold the drain line have crushed the drain line flat.

| | | | | | |
|---|--|--|---------------------------------------|---|-------------|
| Jabiru Service Letter: Fuel Pump Drain | | 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 | |
| JSL022-1 | Release Date: 8 th February 2019 | Effective Date: 8th February 2019 | Affected Models: See Applicability | S/No. Range: See Applicability | Page 2 of 4 |



Figure 1: Crushed drain line.

3 Procedures

3.1 Change fastenings for pipes.

If the fuel pump drain line is found to be blocked or as a preventive measure, the ties that hold the drain line can be changed to a configuration that won't crush the tube.



Figure 2: Anti-crush configuration.

| | | | | | |
|---|--|--|---------------------------------------|---|-------------|
| Jabiru Service Letter: Fuel Pump Drain | | 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 | |
| JSL022-1 | Release Date: 8 th February 2019 | Effective Date: 8th February 2019 | Affected Models: See Applicability | S/No. Range: See Applicability | Page 3 of 4 |

4 Compliance

- This Service letter does not prescribe any special maintenance actions.
- This letter has been produced as **informative material** for operators and maintainers of Jabiru Aircraft.

| | | | | | |
|--|------------------------------------|--------------------------------------|---|-----------------------------------|-------------|
| Jabiru Service Notification: Fuel pump drain. | | | 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 | | |
| JSL022-1 | Release Date: 8th February 2019 | Effective Date: 8th February 2019 | Affected Models: See Applicability | S/No. Range: See Applicability | Page 1 of 2 |

LSA Service Notification: JSN022

Issue: **1**

Release Date: **8th February 2019**

Effective Date: **8th February 2019**

Subject: **Fuel Pump Drain.**

Affected Models: **All Jabiru Airframes.**

Applicability:

- This Notification is applicable to all LSA products which fall within the Applicability ranges given in Jabiru Service Letter JSL022-1

Requirement:

- Operators of aircraft within Light Sport Aircraft categories must comply with any requirements of Jabiru Service Letter JSL022-1

Compliance:

- Any compliance details given in JSL022-1 must be met.

Background:

- This LSA Service Notification is advice of JSL022-1 for Jabiru engines operating within Light Sport Aircraft Categories.