



**North America's
Full Service
Jabiru Center**

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2842 Highway 231 North, Shelbyville, TN 37160

SERVICE BULLETIN	
Service Bulletin #	JSA-004-1
Superseded Bulletin #	JSA-004
Issue Date	11/25/2009
Effective Date	11/25/2009
Limitations for Completion	At Next 50, 100, or Annual Insp.
Make & Model Affected	J250-SP Serial # 248 thru #577
	J230-SP Serial # 501 thru #660
	J170-SP Serial # 75 thru # 185
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Issue	Reason for Issue	Revision Status
0	Replace wheel Pant bracket	10/08/2009
-1	Implementation for aircraft without wheel pants currently installed.	11/25/2009

1 Applicability

All models of Light Sport Aircraft manufactured by Jabiru USA Sport Aircraft, LLC within serial number ranges above.

2 Background:

- A few Jabiru J230-SP and J250-SP aircraft have had wheel pant bracket failures.
- To reduce the frequency of failure a stronger bracket has been designed.



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3 Compliance – Implementation Schedule

- If wheel pants are installed Wheel Pant Brackets are to be replaced at the first 50 hour service, 100 hour service or inspection, or annual condition inspection after issuance of this bulletin.
- If wheel pants are not installed, Wheel Pant Brackets are to be upgraded to the new bracket before wheel pants are installed.
- Jabiru USA Sport Aircraft will provide new brackets and bolts on request to any Jabiru J230-SP, J250-SP, or J170-SP owner

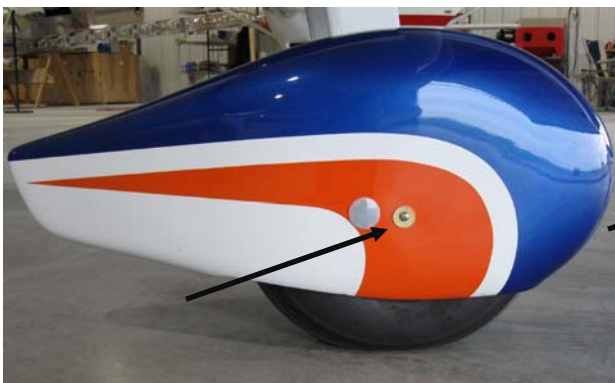
4 Procedure:

1. Inspection and Reinstallation
 - a. Level of expertise required: A&P, LSA Repairman / Maintenance, or service center authorized by Jabiru USA Sport Aircraft, LLC
 - b. Tools Required
 - i. Phillips head screwdriver
 - ii. 3/8" socket with extension as required
 - iii. Wire cutter
 - iv. Safety wire pliers
 - c. Materials and Parts Required
 - i. Two replacement outer wheel pant brackets
 - ii. Four AN3H-5A bolts
 - iii. Safety wire

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- d. Remove main wheel pant, if installed
 - i. Remove one outboard and two inboard wheel pant mounting screws as shown in Figure 1. Arrows indicate screws to remove.
 - ii. Lift pant carefully from wheel assembly.
- e. Remove original wheel pant bracket
 - i. Cut safety wire from bolts.
 - ii. Remove the two wheel pant bracket bolts.
 - iii. Remove bracket and discard.
- f. Install new wheel pant bracket
 - i. Install new bracket as shown using AN3H-5A bolts provided in kit.
 - ii. Install safety wire through both bolts as shown in Figure 2. Standard safety wiring practices apply.
- g. Reinstall wheel pant
 - i. Reverse the steps in Paragraph "d" to reinstall the wheel pant.
- h. Repeat procedure for other main wheel pant.



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Figure 1: Wheel pant mounting screw locations



Figure 2: Replacement wheel pant bracket, bolts and safety wire

5 Airworthiness Note:

- All work called for by this Bulletin must be carried out by technicians with an A&P rating or a LSA Repairman / Maintenance rating.
- On completion of the work, the technician must note the completion of the actions required by this bulletin in the aircraft's maintenance logbook. This note should include the date of the work and the identity (including license number where appropriate) of the person carrying out the work.