



Service Bulletin

Change Front Fork Support

MANDATORY

Symbols:

Please pay special attention to the following symbols emphasizing particular information throughout this document.

- ▲ **WARNING:** Identifies an instruction, which if not followed, may cause serious injury or even death.
- ◆ **CAUTION:** Denotes an instruction, which if not followed, may severely damage the aircraft or could lead to suspension of factory warranty.
- * **NOTE:** Information useful to implement the change more easily.

1. General

Issued by: Powrachute, LLC. 3001 West Airport Road, Hastings, MI 49058

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Release Date: Oct 13, 2008

Date of Effect: Immediately

Compliance: At owners discretion

Release Number: 10-13-08-2

Superseded Notice: None

Models Effected: Pegasus 582 and Pegasus 912

Affected S/N: All Pegasus serial numbers A001PEG to A387PEG all E-LSA

Reason: Weld was Mig welded and no penetration

Subject: Inspection and replacement of Front Fork Support

Time required: 1 Minute for Inspection and 45 Minutes for replacement

2. Material Information

Tools needed: For Inspection none, for replacement 7/16" wrench and socket.

Parts Needed: Part# NW-FFS-03-PEG. Order from Powrachute.

3. Compliance

License required: For Inspection, Owner or Pilot In Command
For Replacement on E-LSA:
LSA Repairman, A&P Mechanic, Part 145 Repair Station or Owner.

Certification: Sign off aircraft logbook when replacement has been made and by an authorized person defined above.
This Service Bulletin serves as a Letter of Authorization (LOA) and is valid without being signed and without any additional paperwork.

* NOTE: Do not forget to log in the aircraft logbook.

4. Instructions for Inspection

Find the serial number of your Pegasus, if this SB applies to your E-LSA, Powrachute highly recommends the replacement of this part with a new Tig welded assembly with extra support.

5. Instructions for Replacement

Support the airframe front end a couple inches off the ground. Remove front fork, remove pod, and remove 3 bolts holding the front fork support. Slide new front fork support in and reassemble.

6. Advise

It has been brought to our attention that some of the units in this serial number range have been mig welded. The mig welding did not penetrate properly and there were some failures. This can be life threatening especially if it fails during the landing or takeoff phase of flight. You can inspect your front fork support but it would be very difficult to see if any of the welds are cracking from the inside. If you have any questions about this issue feel free to contact the Powrachute.