

Performance Designs, Inc.

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Product Upgrade Notice

Date: 28 January 2015
Subject: Pulse 120 - 170 Landing Performance Upgrade
Status: Customer's Discretion at Next Reline

IDENTIFICATION:

Pulse sizes 120, 135, 150, and 170 with serial numbers between 000001 and 001378, Date of Manufacture prior to July 31, 2014.

BACKGROUND:

PD received feedback from two Pulse owners who were loading their larger canopies to the extreme end of the Pulse wing loading chart. They felt that the canopy did not seem to have as strong of a flare as did lighter skydivers jumping smaller Pulses at similar wing loadings.

Though these customers were pushing the envelope in both loading and recommended experience level, the PD R&D department went into a more in-depth investigation. We wanted to determine if this feedback was quantifiable, and if so, determine what sizes were affected.

During our evaluation jumps of one customer's Pulse-260 we noticed the control range was quite long, which made getting a good flare difficult at higher wing loadings. Though the lighter test jumpers felt the flare was typical for larger canopies, they felt that most customers would benefit if the canopy had a slightly shorter control range and a bit more stopping power for no wind landings.

After achieving success with the larger Pulses in gaining better landing performance with the upgrade we decided to look at the smaller sizes to see if we could make the already good landings better.

Conclusion:

The outcome of our research was that the 120 through 170 could be positively affected with a slightly different line set, and changing one of the steering line attachment locations. The new line set and control line location makes the already good landing smaller sizes even better.

Action:

The upgrade on the 120 through 170 sizes is a performance enhancement that we highly recommend owners have done in order to enjoy the improved landing performance the upgrade provides.

What's involved:

The upgrade involves a reline, removing steering line attachment #2, and adding steering line attachment #4.

Requirements:

A qualified rigger with the experience and sewing equipment necessary to do a reline

Instructions and a new line tab will be provided at no charge along with the purchase of a new lineset for field relining.

The upgrade will be performed at no charge with purchase of a reline in the PD Deland Facility.

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