



**Flight Trim Check for Xaos-27 Series canopies
made between OCT 2010 and APR 2011**

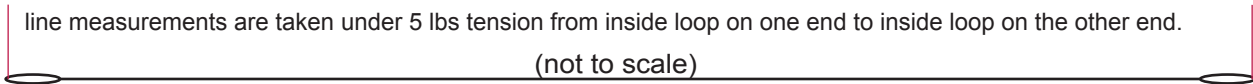
**SERVICE BULLETIN
SB111214**

5) Manpower and Required Credentials

Compliance with this Service Bulletin may be accomplished by any person capable of understanding the appropriate Trim Chart and taking simple measurements with a normal Imperial or Metric tape measure and comparing the measurements with the correct design data. No Rigger rating is required. Estimated time of compliance is 30 minutes.

6) Accomplishment Instructions

- a) go to the Precision Aerodynamics website's Line Trim Specifications Sheets location at <http://precision.aero/TrimSpecs/trimspecs.aspx>
- b) from the dropdown Canopy menu, select the canopy type Xaos-27
- c) in the Size box, input the canopy size in square feet and press ENTER or click on "update". If you do not press ENTER or click on the "update" tab, the data will not refresh and will not be accurate.
- d) line attachment points are lettered from leading edge to trailing edge A-B-C-D, and numbered from center cell outward 5-4-3-2-1 with 1 being on the outside. The control line attachment points are lettered T and numbered 4-3-2-1 with 1 being on the outside. Values for line lengths are given in both inches and centimeters for the respective positions.



- e) compare the measured line length with the number associated on the Trim Specifications Sheet. best flight performance tolerance is +.5% / -.5% differential across all line lengths. If measured line differentials are more than +.5% / -.5% differential across all line lengths, contact Precision Aerodynamics to arrange a factory inspection and correction at no charge.

7) Distribution

Registered Owners of Record
Parachute Dealerships and Lofts
National and International Parachuting Publications
PIA and Commercial Parachute Riggers Lists
Precision Aerodynamics' website <http://www.precision.aero>
Parachute Industry Association website <http://www.pia.com>

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