



Speed of opening, stability, descent rate

Inspection certificate number: **EP_239.2018**

Test Report

Manufacturer data

Manufacturer name: **Woody Valley srl**
 Representative: **Siomone Caldana**
 Street: **Via Vienna 92**
 Post code / Place: **30121 Trento**
 Country: **Italy**

Sample data

Name:	Quadro light	Size:	100
Steerable ⁽¹⁾ :	No	Maximum weight in flight ⁽²⁾ [kg]:	100
Weight ⁽³⁾ [kg]:	0.987	volume packed [cm ³]:	4250
Serial number:	1801		

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test	Villeneuve	Villeneuve
Date of test	13.02.2018	22.03.2018
Inspector:	Claude Thurnheer	Claude Thurnheer

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	-1.3	1.8
RH [%]	62	64
[hPa]	971.4	977.5
Wind [m/s]	1.1	0.7

Summary of both results ⁽⁵⁾

	EN	LTF
Time of opening test [s]:	3.23	3.23
Calculated descent rate test [m/s]:	5.47	5.47
Stability test:	POSITIVE	POSITIVE
Behaviour during descent test:	Stable	Stable
Glider ratio:	POSITIVE	

If steerable:

Any flight procedure and/or configuration described in the user's manual	N/A	N/A
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Strength test - 40 m/s opening shock

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 Representative: **Siomone Caldana**
 Street: **Via Vienna 92**
 Post code / Place: **30121 Trento**
 Country: **Italy**

Sample data

Name: **Quadro light** Size: **100**
 Steerable: **No** Maximum weight [kg]: **100**
 Weight [kg]: **0.987** volume packed [cm³]: **4250**
 Serial number: **1802**

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Muraz	Muraz
Date of test	21.02.2018	06.04.2018
Corrected mass [kg]	100.90	98.43
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	0.7	10.6
RH [%]	74	67
[hPa]	963	973.1
Wind [m/s]	0.1	1.2

Test results

	Test no. 1	Test no. 2
Strength test (40m/s shock)	POSITIVE	POSITIVE
Aircraft speed uncertainty K=2 [m/s] ⁽²⁾	1.7	1.7

Item / type no.	Validity	Manufacturer	S/N
Weight	2020	Air Turquoise SA	N/A
Geos n° 11	08.05.2017	JDC elec.	22
Weak link	2020	Tost	N/A