



Speed of opening, stability, descent rate

Inspection certificate number: **EP_336.2022**

Test Report

Manufacturer data

Manufacturer name: **Woody Valley srl**
 Representative: **Simone Caldana**
 Street: **Via Linz 23**
 Post code / Place: **38121 Trento**
 Country: **Italy**

Sample data

Name:	Quadro light	Size:	80
Steerable ⁽¹⁾ :	No	Maximum weight in flight ⁽²⁾ [kg]:	80
Weight ⁽³⁾ [kg]:	0.93	volume packed [cm ³]:	3600
Serial number:	06-2021		

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test:	Villeneuve	Villeneuve
Date of test:	20.07.2021	26.07.2021
Inspector:	Claude Thurnheer	Claude Thurnheer

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	20.5	20.2
RH [%]	75	78
[hPa]	974	970.1
Wind [m/s]	0.2	1.1

Summary of both results ⁽⁵⁾

	EN	NfL
Time of opening test [s]:	3.35	3.35
Calculated descent rate test [m/s]:	5.37	5.37
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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Manufacturer data

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 Representative: **Simone Caldana**
 Street: **Via Linz 23**
 Post code / Place: **38121 Trento**
 Country: **Italy**

Sample data

Name: **Quadro light** Size: **80**
 Steerable: **No** Maximum weight [kg]: **80**
 Weight [kg]: **0.93** volume packed [cm³]: **3600**
 Serial number: **07-2021**

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	St-Cierge	St-Cierge
Date of test	13.09.2021	13.09.2021
Corrected mass [kg]	73.27	73.27
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	17	17
RH [%]	61	61
[hPa]	923	923
Wind [m/s]	0.1	0.1

Test results

	Test no. 1	Test no. 2
Strength test (40m/s shock)	POSITIVE	POSITIVE
Aircraft speed uncertainty K=2 [m/s] ⁽²⁾	2.9	2.9

Item / type no.	Validity	Manufacturer	S/N
Weight	check every 12 months	Air Turquoise SA	N/A
Geos n° 11	18.06.2025	JDC elec.	Unit11
Weak link	continuously	Tost	N/A