

Speed of opening, stability, descent rate

Inspection certificate number: **EP_297.2020**

Test Report

Manufacturer data

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

Sample data

Name:	Quadro	Size:	220
Steerable ⁽¹⁾	n/a	Maximum weight in flight ⁽²⁾ [kg]:	220
Weight ⁽³⁾ [kg]	2.428	volume packed [cm ³]:	7900
Serial number:	19002		

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test	Villeneuve	Villeneuve
Date of test	07.05.2019	07.05.2019
Inspector:	Claude Thurnheer	Claude Thurnheer

Atmosphere AGL

[°C]	7.5	7.2
RH [%]	67	70
[hPa]	975.7	975
Wind [m/s]	0.1	0.3

Summary of both results ⁽⁵⁾

	EN	LTF
Time of opening test [s]:	3.99	3.99
Calculated descent rate test [m/s]:	5.14	5.14
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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Sample data

Name:	Quadro	Size:	220
Steerable	n/a	Maximum weight [kg]:	220
Weight [kg]	2.428	volume packed [cm ³]:	7900
Serial number:	19002		

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Muraz	Muraz
Date of test	24.05.2019	24.05.2019
Corrected mass [kg]	211.60	211.60
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	15	15
RH [%]	69	69
[hPa]	970.4	970.4
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	2020	Air Turquoise SA	N/A
Geos n° 11	08.05.2020	JDC elec.	22
Weak link	2020	Tost	N/A