



Speed of opening, stability, descent rate

Inspection certificate number: **EP_288.2020**

Test Report

Manufacturer data

Manufacturer name: **Gravity GmbH**

Street: **Hütte 45**

Post code / Place: **6345 Kössen**

Country: **Austria**

Sample data

Name:	P-Light	Size:	100
Steerable ⁽¹⁾	No	Maximum weight in flight ⁽²⁾ [kg]:	100
Weight ⁽³⁾ [kg]	1.06	volume packed [cm ³]:	3850
Serial number:	100-11C-1001		

Test data ⁽⁴⁾

Test

Place of test	Villeneuve
Date of test	13.03.2018
Inspector:	Claude Thurnheer

Atmosphere AGL

[°C]	7.1
RH [%]	80
[hPa]	977
Wind [m/s]	0.1

Summary of both results ⁽⁵⁾

LTF

Time of opening test [s]:	2.71
Calculated descent rate test [m/s]:	6.09
Stability test:	POSITIVE
Behaviour during descent test:	Stable
Glider ratio:	POSITIVE

If steerable:

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

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Street: **Hütte 45**

Post code / Place: **6345 Kössen**

Country: **Austria**

Sample data

Name:	P-Light	Size:	100
Steerable	No	Maximum weight [kg]:	100
Weight [kg]	1.06	volume packed [cm ³]:	3850
Serial number:	100-11C-1004		

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Illarsaz	Illarsaz
Date of test	08.03.2017	29.03.2017
Corrected mass [kg]	99.53	96.36
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

[°C]	9.6	18.5
RH [%]	75	59
[hPa]	980.6	979
Wind [m/s]	0.1	0.2

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	08.05.2020	JDC elec.	22
Weak link	2020	Tost	N/A