

Speed of opening, stability, descent rate

Inspection certificate number: **EP_277.2019****Test Report**

Manufacturer data

Manufacturer name: **OZONE Gliders**
 Representative: **Russell Ogden**
 Street: **2, Queens Drive**
 Post code / Place: **LA46LN**
 Country: **UK**

Sample data

Name: **Angel V2** Size: **90**
 Steerable ⁽¹⁾: **n/a** Maximum weight in flight ⁽²⁾ [kg]: **90**
 Weight ⁽³⁾ [kg]: **1.5** volume packed [cm³]: **4200**
 Serial number: **PRANG-U-14E-072**

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test	Villeneuve	Villeneuve
Date of test	05.06.2019	05.06.2019
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

[°C]	19.8	19.8
RH [%]	64	64
[hPa]	966	966
Wind [m/s]	0.1	0.1

Summary of both results ⁽⁵⁾

	EN	LTF
Time of opening test [s]:	3.05	3.05
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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Manufacturer data

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 Street: **2, Queens Drive**
 Post code / Place: **LA46LN**
 Country: **UK**

Sample data

Name:	Angel V2	Size:	90
Steerable	n/a	Maximum weight [kg]:	90
Weight [kg]	1.5	volume packed [cm ³]:	4200
Serial number:	OPGH-057		

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Muraz	Muraz
Date of test	04.12.2013	04.12.2013
Corrected mass [kg]	n/a	n/a
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	n/a	n/a
RH [%]	n/a	n/a
[hPa]	n/a	n/a
Wind [m/s]	n/a	n/a

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