



## Speed of opening, stability, descent rate

Revised 22.02.2019

Inspection certificate number: **EP\_232.2018**

**Test Report**

### Manufacturer data

Manufacturer name: **Skywalk GmbH & Co. KG**  
 Representative: **Peter Müller**  
 Street: **Windeckstrasse 4**  
 Post code / Place: **83250 Marquarstein**  
 Country: **Germany**

### Sample data

Name:	<b>Salsa</b>	Size:	<b>90</b>
Steerable <sup>(1)</sup> :	<b>No</b>	Maximum weight in flight <sup>(2)</sup> [kg]:	<b>90</b>
Weight <sup>(3)</sup> [kg]:	<b>1.363</b>	volume packed [cm <sup>3</sup> ]:	<b>4050</b>
Serial number:	<b>SAGZ-2118-90001</b>		

### Test data <sup>(4)</sup>

	Test no. 1	Test no. 2
Place of test	<b>Villeneuve</b>	<b>Villeneuve</b>
Date of test	<b>19.06.2018</b>	<b>25.06.2018</b>
Inspector:	<b>Claude Thurnheer</b>	<b>Claude Thurnheer</b>

### Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	<b>19.3</b>	<b>16.8</b>
RH [%]	<b>71</b>	<b>68</b>
[hPa]	<b>980.9</b>	<b>975.4</b>
Wind [m/s]	<b>0.1</b>	<b>0.2</b>

### Summary of both results <sup>(5)</sup>

	EN	LTF
Time of opening test [s]:	<b>3.55</b>	<b>3.55</b>
Calculated descent rate test [m/s]:	<b>5.11</b>	<b>5.11</b>
Stability test:	<b>POSITIVE</b>	<b>POSITIVE</b>
Behaviour during descent test:	<b>Stable</b>	<b>Stable</b>
Glider ratio:	<b>POSITIVE</b>	

#### If steerable:

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

Revised 22.02.2019

Inspection certificate number: **EP\_232.2018**

**Test Report**

### Manufacturer data

Manufacturer name: **Skywalk GmbH & Co. KG**  
 Representative: **Peter Müller**  
 Street: **Windeckstrasse 4**  
 Post code / Place: **83250 Marquarstein**  
 Country: **Germany**

### Sample data

Name: **Salsa** Size: **90**  
 Steerable: **No** Maximum weight [kg]: **90**  
 Weight [kg]: **1.363** volume packed [cm<sup>3</sup>]: **4050**  
 Serial number: **SAGZ-2118-90002**

### Test data <sup>(1)</sup>

	Test no. 1	Test no. 2
Place of test	<b>Muraz</b>	<b>Muraz</b>
Date of test	<b>05.06.2018</b>	<b>05.06.2018</b>
Corrected mass [kg]	17.40	82.84
Inspector:	<b>Alain Zoller</b>	<b>Alain Zoller</b>

### Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	<b>27.8</b>	<b>27.8</b>
RH [%]	<b>58</b>	<b>58</b>
[hPa]	<b>963.5</b>	<b>963.5</b>
Wind [m/s]	<b>0.2</b>	<b>0.2</b>

### Test results

	Test no. 1	Test no. 2
Strength test (40m/s shock)	<b>POSITIVE</b>	<b>POSITIVE</b>
Aircraft speed uncertainty K=2 [m/s] <sup>(2)</sup>	1.73	1.73

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



Identification number: **MISC\_106.2019**

**Skywalk GmbH & Co. KG Salsa all size**

**Result summary**

Inner container strength test. Applied minimum 700 N for at least 10 seconds and at maximum strength.

Duration at the required strength: **10.3 [s]**

The maximum strength before broken: **747.0 [N]**

Place of declaration **Villeneuve**  
Date of issue: **04.01.2019**  
Managing director **Alain Zoller**

Signature:

This signature approve the validity of the test report, and can be included in the inspection certificate 71.5.1

**Air Turquoise SA** has thoroughly tested the sample of riser/bridle mentioned above and certifies its conformity with the standards: **EN 12491: 2015 chapter 5.3.2 and LTF NfL 91/09 chapter 6.1.8**

Instrument	Validity	Manufacturer	Type no.	S/N
Load Cell (axial)	01.06.2021	Burster GmbH (DE)	8431-10000	1185483
Winch	check every 12 month	Arwin	300/600	N/A
Geos n° 11 Skywatch	08.05.2017	JDC elec.	Geos n° 11	22

<sup>(1)</sup> Inner container: container of the folded emergency parachute.

<sup>(2)</sup> Inner container (the connection between handgrip and inner container) is loaded at min 700 [N] over 10 seconds. The deployment system is loaded until breaking. Each component is tested.

<sup>(3)</sup> Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measured lies within the assigned range of values with a probability of 95%.