



Speed of opening, stability, descent rate

Inspection certificate number: **EP_234.2018**

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:	110
Steerable ⁽¹⁾ :	No	Maximum weight in flight ⁽²⁾ [kg]:	110
Weight ⁽³⁾ [kg]:	1.582	volume packed [cm ³]:	5186
Serial number:	SAGZ-2118-11001		

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test	Villeneuve	Villeneuve
Date of test	18.06.2018	26.06.2018
Inspector:	Claude Thurnheer	Claude Thurnheer

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	24.7	19
RH [%]	55	71
[hPa]	977.6	977.3
Wind [m/s]	0.1	0.1

Summary of both results ⁽⁵⁾

	EN	LTF
Time of opening test [s]:	3.83	3.83
Calculated descent rate test [m/s]:	5.12	5.12
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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 Country: **Germany**

Sample data

Name: **Salsa** Size: **110**
 Steerable: **No** Maximum weight [kg]: **110**
 Weight [kg]: **1.582** volume packed [cm³]: **5186**
 Serial number: **SAGZ-2118-11002**

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Muraz	Muraz
Date of test	04.10.2018	04.10.2018
Corrected mass [kg]	107.53	107.53
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	13.8	13.8
RH [%]	71	71
[hPa]	978.1	978.1
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⁾	1.7	1.7

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

⁽¹⁾ Inner container: container of the folded emergency parachute.

⁽²⁾ 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.

⁽³⁾ 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%.