AIR TURQUOISE SA | para-test.com |
Rte du Pré-au-Comte 8 | CH-1844 Villeneuve

Test laboratory for paragliders, paraglider harnesses
and paraglider emergency parachutes

paragliding by air turquoise

Speed of opening, stability, descent rate

Inspection certificate number: **EP_379.2026**

Test Report

Manufacturer data

Manufacturer name:	**Skywalk GmbH & Co. KG**
Representative:	**Mr. Arne Wehrlin**
Street:	**Windeckstr. 4**
Post code / Place:	**83250 Marquarstein**
Country:	**Germany**

Sample data

Name:	**PEPPER CROSS LIGHT2**	Size:	**105**
Steerable (1):	**No**	Maximum weight in flight (2) [kg]:	**105**
Weight (3) [kg]:	**1,17**	Volume packed [cm³]:	**4000**
Serial number:	**SH-0825-17280**		

Test results (4)	**Test no. 1**	**Test no. 2**
Measured opening time [s]:	**2,91**	**3,18**
Unsteerable parachute and steerable parachute with locked controls (if applicable)		
Measured sink rate [m/s] (≤ 5.5):	**5,48**	**5,05**
Stability test:	**Stable**	**Stable**
Steerable parachute and steerable parachute with unlocked controls (if applicable)		
Measured sink rate [m/s] (≤ 4.0):	**n/a**	**n/a**
Stability test:	**n/a**	**n/a**
Test of steerability:	**n/a**	**n/a**

Test data		**Test no. 1**	**Test no. 2**
Place of test		**Villeneuve**	**Villeneuve**
Date of test		**24,06,2025**	**02,09,2025**
Atmosphere AGL	[°C]	**22**	**15**
	RH [%]	**63**	**78**
	[hPa]	**970**	**966**
	Wind [m/s]	**0,2**	**0,3**
Corrected mass with uncertainty (m_{corr}) [kg]:		**99,0**	**100,1**
If steerable with brake lock system			
Place of test		**n/a**	**n/a**
Date of test		**n/a**	**n/a**
Atmosphere AGL	[°C]	**n/a**	**n/a**
	RH [%]	**n/a**	**n/a**
	[hPa]	**n/a**	**n/a**
	Wind [m/s]	**n/a**	**n/a**
Corrected mass with uncertainty (m_{corr}) [kg]:		**n/a**	**n/a**

AIR TURQUOISE SA | para-test.com |
Rte du Pré-au-Comte 8 | CH-1844 Villeneuve

Test laboratory for paragliders, paraglider harnesses
and paraglider emergency parachutes

Strength test - 40 m/s opening shock

Inspection certificate number: **EP_379.2026**

Test Report

Manufacturer data

Manufacturer name:	**Skywalk GmbH & Co. KG**
Representative:	**Mr. Arne Wehrlin**
Street:	**Windeckstr. 4**
Post code / Place:	**83250 Marquarstein**
Country:	**Germany**

Sample data

Name:	**PEPPER CROSS LIGHT2**	Size:	**105**
Steerable	**No**	Maximum weight [kg]:	**105**
Weight [kg]	**1,17**	Volume packed [cm³]:	**4000**
Serial number:	**SH1125-02-PCL3-120-V6R1**		

Test data (1)	**Test no. 1**	**Test no. 2**
Place of test	**St-Cierges**	**St-Cierges**
Date of test	**17,12,2025**	**17,12,2025**
Maximum weight [kg]	**105**	**105**
Inspector:	**Olivier Zoller**	**Olivier Zoller**
Atmosphere AGL		
[°C]	**6**	**7**
RH [%]	**74**	**72**
[hPa]	**950**	**947**
Wind [m/s]	**0,4**	**1,2**

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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Comte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Identification number: **MISC_346.2026**

Skywalk GmbH & Co. KG INNER CONTAINER 2.0 one 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: **19.5** [s]

Maximum strength before broken: **1320.2** [N]

Place of declaration: **Villeneuve**

Date of issue: **22.04.2026**

Managing director: **Andrea Wigger**

Signature:

Instrument	Validity	Manufacturer	Type no.	S/N
Load sensor 10kN SL2	26.06.2030	Burster / MTS	8431-6010-N000S000	593507
Winch	check every 12 month	Arwin	300/600	N/A
Geos n° 11 Skywatch	24.07.2030	JDC elec.	Geos n° 11	22

This signature approves the validity of the test report

Air Turquoise SA, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:
EN 12491:2015+A1:2021 chapter 5.3.2 and NfL 2024-2-785 chapter 6.1.8

(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 includes 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%.

The declaration must not be reproduced in part without the written permission of Air Turquoise SA

Identification number: **MISC_200.2021**

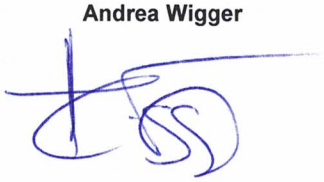
Skywalk GmbH & Co. KG Tapa X-Alps Riser

Result summary

Maximum strength for riser, bridle: **34003.4** [N]

Place of declaration: **Villeneuve**
Date of issue: **10.11.2021**
Managing director **Andrea Wigger**

Signature:



This signature approves 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 emergency parachute mentioned above and certifies its conformity with the standards: **NfL 2-565-20 chapter 6.1.4**

Instrument	Validity	Manufacturer	Type no.	S/N
Load sensor	04.09.2023	HBM	1-S9M/50KN-1	31314652
Geos n° 11 Skywatch	18.06.2025	JDC elec.	Geos n° 11	22

(1) Riser: lowest part of the the parachute system, which is connected to the harness. Bridle: connection between risers and harness, can also be a strap.

(2) The connecting strap has to have a minimum load capacity of 24000 [N]. The exposed part of the connecting belt has to be protected against environmental factors.

(3) Calculated value includes 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%.