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

Towing release system strength test

Identification number: **MISC_186.2021**

Test Report

Manufacturer data:

Manufacturer name:	**Oekosoft AG**
Representative:	**Walter Stucki**
Street:	**Schachenweg 57**
Post code place:	**8400 Winterthur**
Country:	**Switzerland**

Sample data [1]

name of releasing system:	**G-Link**
Serial number:	**156411-019**
Overall length [cm]:	**151**
Distance of attachment points [cm]:	**45**
Weight of Sample [g]:	**58**
Date of reception:	**19.11.2021**

Test Data

Place of test:	**Villeneuve**
Date of test:	**26.11.2021**
Inspector:	**Nicolas Jacquod**

Atmosphere AGL

22	[°C]
46	RH [%]
1008	[hPa]

Test summary

Release test

Test id	NfL 2-565-20	Setup	Min. Load [N]	Max. Load [N]	Measured [N]	Result
RT	8.1.1	Positive symmetric load	10	70	**64.57**	**POSITIVE**

Strength test

Test id	NfL 2-565-20	Setup	Req. Load [N]	Measured [N]	Result
ST	8.1.4	Positive symmetric load	3000	**4225.68**	**POSITIVE**

Place of declaration: **Villeneuve**
Date of issue: **26.11.2021**
Managing director: **Andrea Wigger**

Signature:

Manufacturer	Instrument	Type no	S/N	Validity
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	04.09.2023
Burster / MTS	Load sensor 10kN SL2	8431-6010-N000S000	593507	21.04.2026

"This inspection certificate is NOT covered by accreditation D-IS-19457-01."

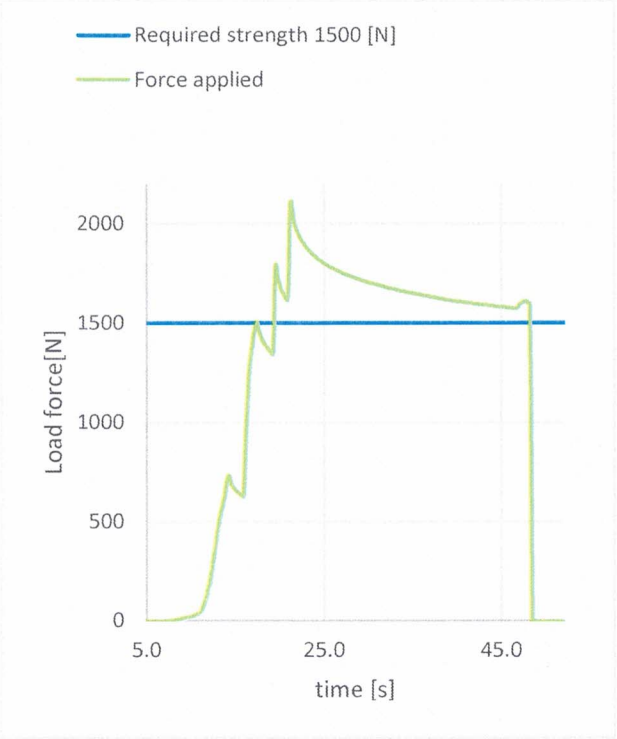
Air Turquoise SA has thoroughly tested the sample of towing release system mentioned above and certifies its conformity with the standards: **NfL 2-565-20**

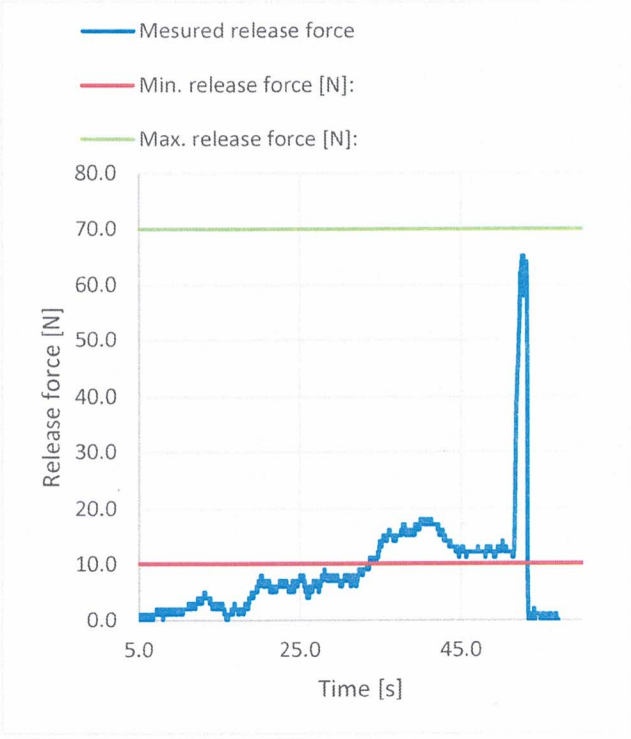
Calculated value include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

Model: **G-Link**

Release test **Test ID RT**

Standard	**NfL 2-565-20**
Reference in standard	**8.1.1**
Test setup	**Positive symmetric load**
Attachment points	**One sensor is attached to the winch system to measure the load and the second to the release system to measure the release force.** When the system is loaded with a force of 1500N it must be able to be released with a force between 10N and 70N.
Required load [N]:	**1500**
Min. release force [N]:	**10**
Max. release force [N]:	**70**
Result	
Releasing force [N]:	**64.6**
Test results	**POSITIVE**





The validation of this test report is given by the signature of the test manager on the first page

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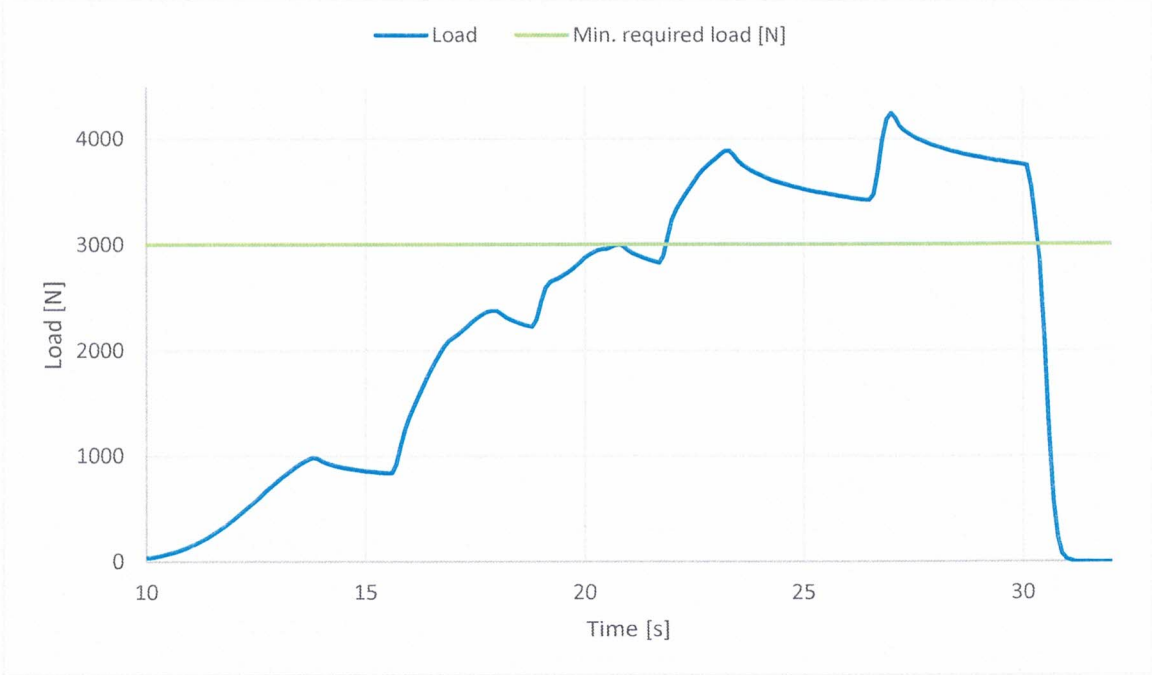
Model: **G-Link**

Strength test		**Test ID ST**
Standard	**NfL 2-565-20**	
Reference in standard	**8.1.4**	
Test setup	**Positive symmetric load**	
Attachment points	**The sensor is attached to the tow release to measure the load** The tow release has to have a breaking load greater than 3000 N for winch towing	
Min. required load [N]	**3000**	
Result		
Max. applied load [N]	**4225.68**	
Test results	**POSITIVE**	



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