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Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquois

Front Container

Identification number: **MISC_214.2022**

Test Report

Manufacturer data:

Manufacturer name:	**Neo SAS**
Representative:	**Eric Roussel**
Street:	**ZA des Vernays**
Post code place:	**74210 Doussard**
Country:	**France**

Sample data [1]

Name of container:	**CONTAINER LITE 2.0**	
Serial number:	**J15001C**	
Volume container [cm³]:	**4300**	max
	2900	min
Date of reception:	**06.07.2022**	

Test Data

Place of test:	**Villeneuve**
Date of test:	**06.07.2022**
Inspector:	**Nicolas Jacquod**

Atmosphere AGL

23	[°C]
45	RH [%]
1011	[hPa]

Test summary[2]

Rescue Riser strength test

Test id	-	EN 1651	Setup	Req. Load [N]	Min. duration [s]	Duration [s]	Result
RST_R	V	5.5.1.8	Two end points of the rise	24000	0.3	**3.60**	**POSITIVE**

Rescue Deployment test

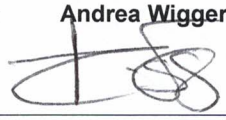
Test id	-	EN 1651	Setup	Min load [N]	Max. load [N]	Measured [N]	Result
RDT_H	V	5.5.1.11	Default flying position	20	70	**55.37**	**POSITIVE**

Rescue Deployment Handle strength test

Test id	-	EN 12491	Setup	Req. Load [N]	Min. duration [s]	Break. strength [N]	Result
RST_H	V	5.3.2	Two end points of handle	700	10	**4259.52**	**POSITIVE**

Place of declaration: **Villeneuve**
Date of issue: **14.03.2023**
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 signature approves the validity of the test report

Air Turquoise SA has thoroughly tested the sample of emergency parachute container mentioned above and certifies its conformity with the following standards:
EN 1651:2018+A1:2020[3], EN 12491:2015+A1:2021[3] and NfL 2-565-20

[1] Front container (simplified "container"), the extraction handle, and if bridle/riser included in container

[2] If riser/bridle is included it is tested end to end with force of 24000N for 0.3 seconds. Rescue employment test between 20-70 N, the maximum peak is measured. The rescue deployment handle strength test a force of 700 N for ten seconds between two ends point. The three test is following 3 different standards.

[3] These standards are NOT covered by accreditation D-IS-19457-01

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%.

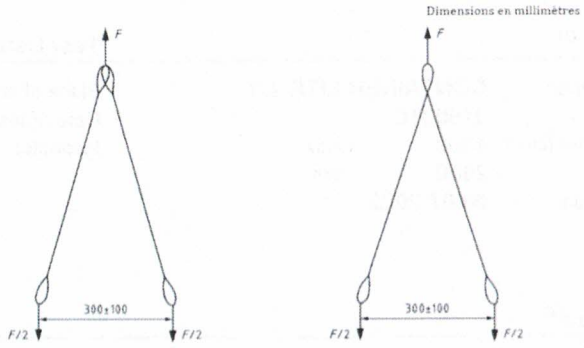
Inspection certificate number: **MISC_214.2022** model: **CONTAINER LITE 2.0**

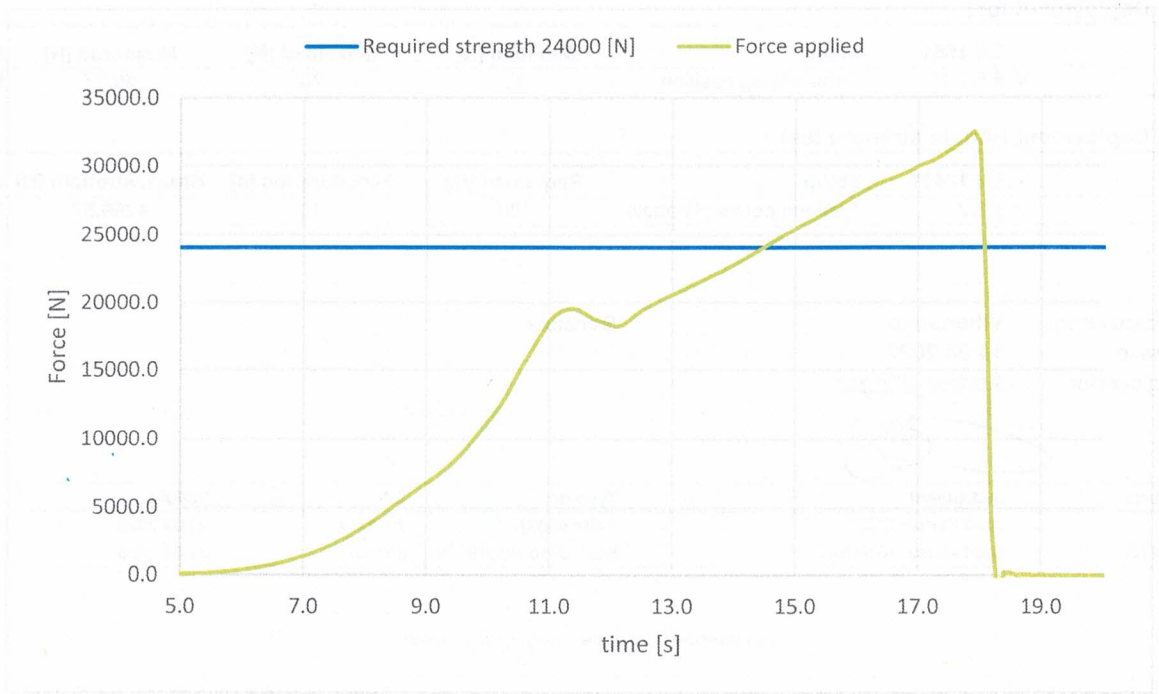
Rescue Riser strength test **Test ID RST_R**

Standard	**EN 1651**
Reference in standard	**5.5.1.8**
Test setup	**Two end points of the riser**
Attachment points	**Sensor connect to end of Riser, pull on the other side**
	The riser must support min 24000 N for 0.3 s, after measure max strength
Min. Required load [N]	**24000**
Minimum test duration [s]	**0.3**
Type of connecting element	**a) two single elements**

Result

Test duration [s]:	**3.6**
Max. strength [N]	**32541.01**
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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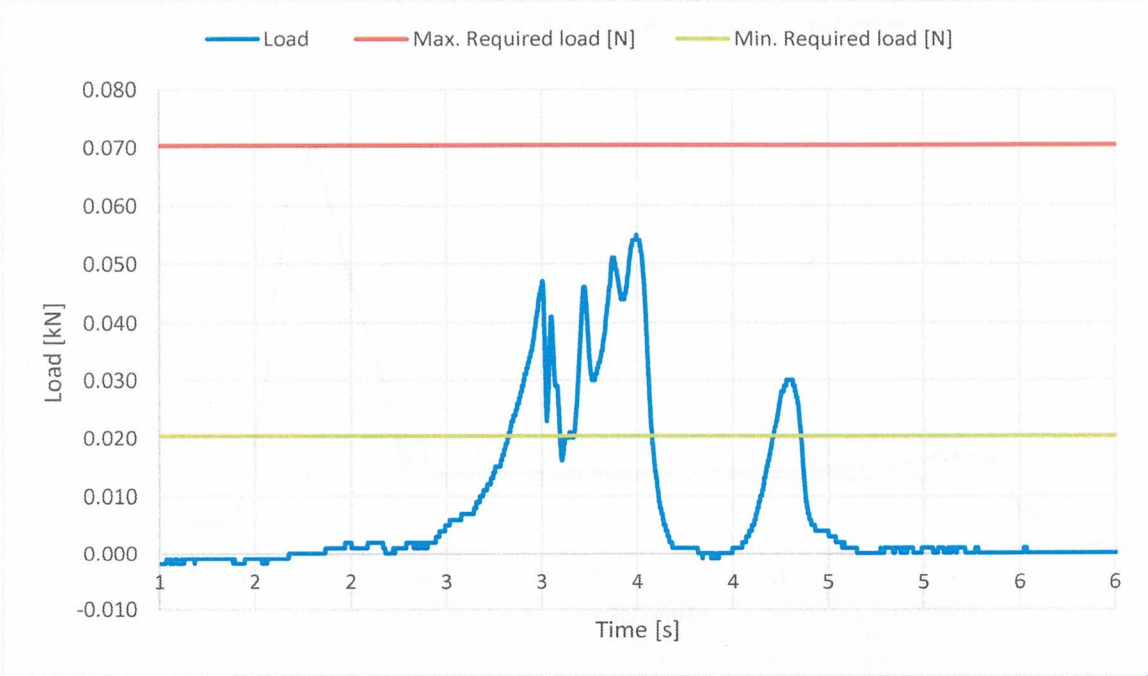
Rescue Deployment Test **Test ID RDT_H**

Standard	**EN 1651**
Reference in standard	**5.5.1.11**
Test setup	**Default flying position**
Attachment points	**Sensor connect to handle, and pull in opening direction**
	The test is to simulate the load required to open the emergency parachute(1st action).
Min. Required load [N]	**20**
Max. Required load [N]	**70**

Result

Load for first action [N]	**55.37**
Test results	**POSITIVE**



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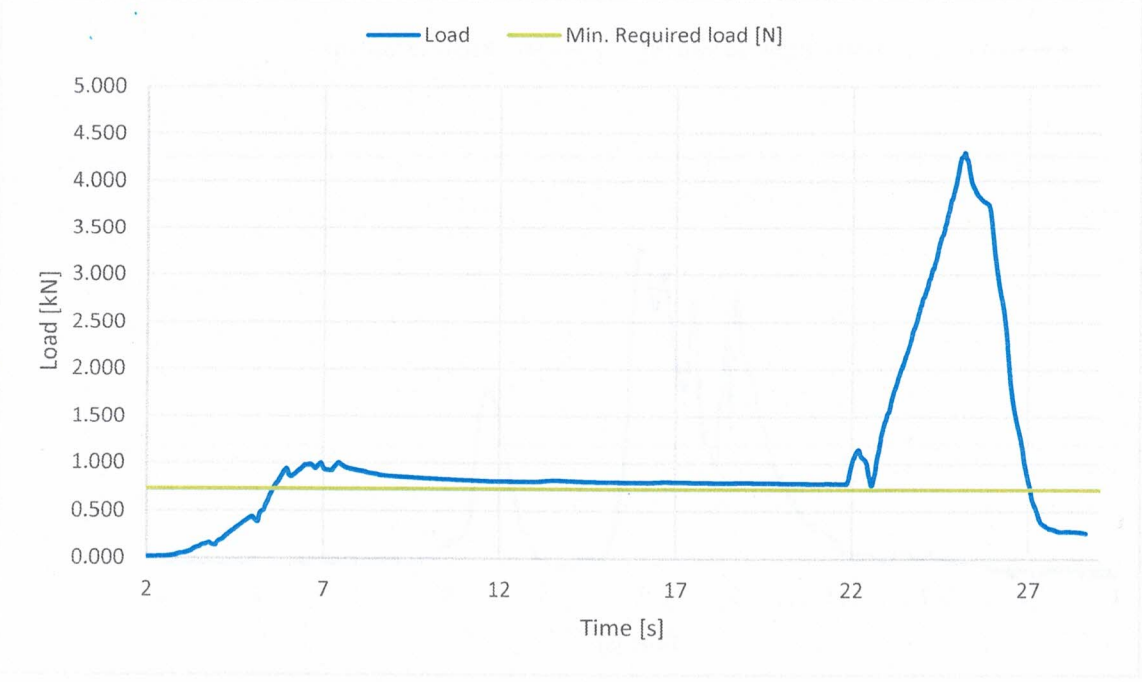
Inspection certificate number: **MISC_214.2022** model: **CONTAINER LITE 2.0**

Rescue Deployment Handle strength test **Test ID RST_H**

Standard	**EN 12491**
Reference in standard	**5.3.2**
Test setup	**Two end points of handle**
Attachment points	**Sensor connect to end of handle, pull on the other side**
	The handle must support min 700 N for 10 s, after measure breaking strength
Min. Required load [N]	**700**
Minimum test duration [s]	**10**

Result

Test duration [s]:	**21.4**
Breaking strength [N]	**4259.52**
Test results	**POSITIVE**



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