

Rescue Container

Test Report

Identification number: **MISC_167.2020**

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: **Rescue Backpack**
 Serial number: **I14001**
 Volume container [cm³]: **12600 max**
 n/a min
 Date of reception: **25.11.2020**

Test Data

Place of test: **Villeneuve**
 Date of test: **25.11.2020**
 Inspector: **Alain Zoller**

Atmosphere AGL

22 [°C]
40 RH [%]
980 [hPa]

Test summary ⁽²⁾

Rescue Deployment Riser strength test

Test id	- EN 1651	Setup	Req. Load [N]	Min. duration [s]	Duration [s]	Result
RRST_R	5.5.1.8	Two end points of the riser	24000	0.3	0.00	n/a

Rescue Deployment test

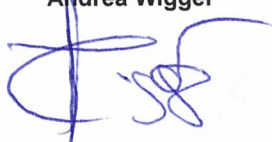
Test id	- NfL 2-565-20	Setup	Min load [N]	Max. load [N]	Measured [N]	Result
RRDT_H	V 6.1.5	Default flying position	20	70	51.65	POSITIVE

Rescue Deployment Handle strength test

Test id	- EN 12491	Setup	Req. Load [N]	Min. duration [s]	Break. strength [N]	Result
RRST_H	V 5.3.2	Two end points of handle	700	10	1605.27	POSITIVE

Place of declaration: **Villeneuve**
 Date of issue: **31.03.2022**
 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

Air Turquoise SA has thoroughly tested the sample of emergency parachute container mentioned above and certifies its conformity with the standards: EN 1651:2018, EN 12491:2015, NFL 2-565-20 chapter

⁽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.

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%.



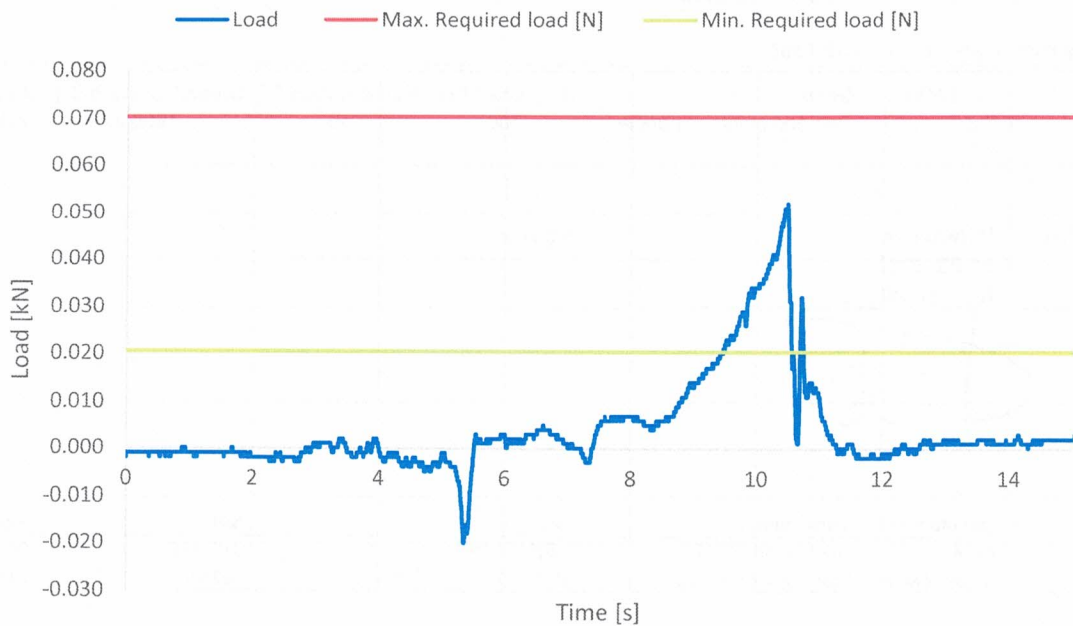
Inspection certificate number: **MISC_167.2020**

model: **Rescue Backpack**

Rescue Deployment Test

Test ID RRDT_H

Standard	NfL 2-565-20
Reference in standard	6.1.5
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]	51.65
Test results	POSITIVE



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

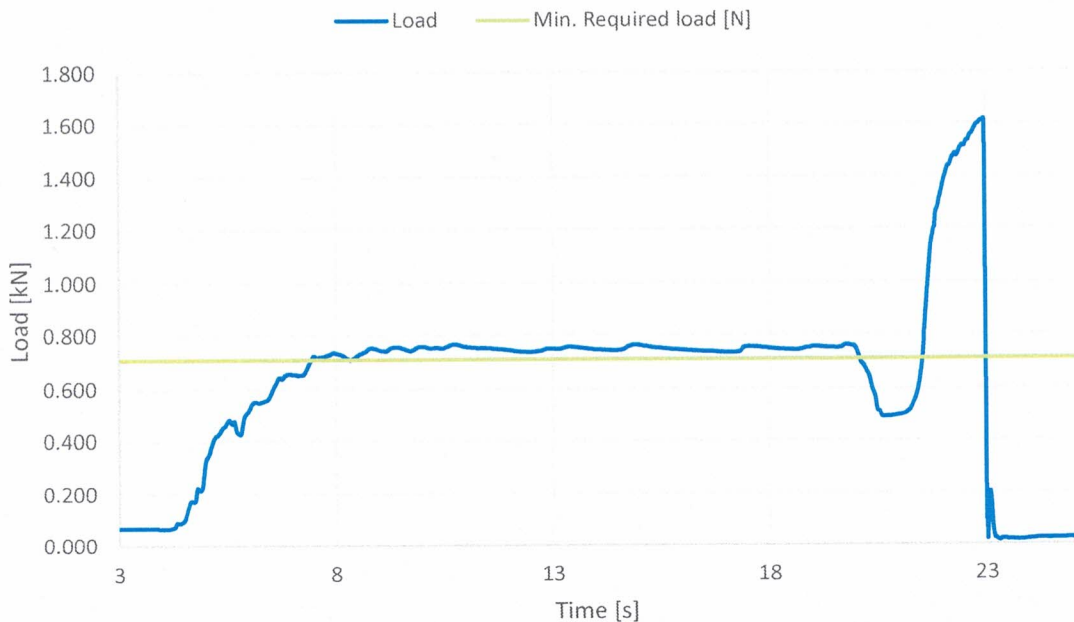
Inspection certificate number: **MISC_167.2020**

model: **Rescue Backpack**

Rescue Deployment Handle strength test

Test ID RRST_H

Standard	EN12491:2015
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]:	14.6
Breaking strength [N]	1605.27
Test results	POSITIVE



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