

Harness Spreader Report

Inspection certificate number: **MISC_212.2022**

Manufacturer data:

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

Sample data:

Name Spreader: **Tandem spreader Light**
 Max Load [kg]: **240**
 Serial number: **n/a**
 Date of reception: **24.03.2022**

Test data

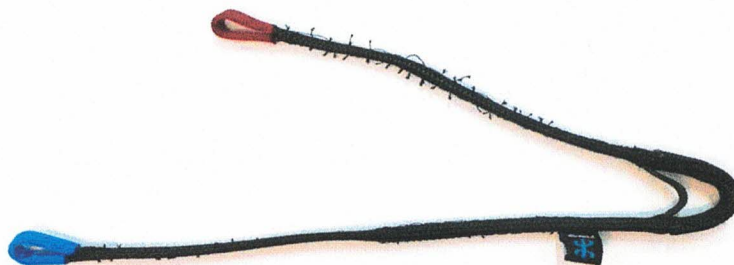
Place of test **Villeneuve**
 Date of test: **16.06.2022**
 Inspector: **Alain Zoller**

Atmosphere AGL:

[C°]	24
RH [%]	43
[hPa]	1009

Summary of Spreader's test

Test id	Test configuration ⁽²⁾	Top Att. Point	Bottom Attachment point		Min. Load [N]	Result
1	Induced load from the pilot and a heavy passenger (short) to the main point	Main	Pilot	Short	21600	POSITIVE
2	Induced load from the pilot and a light passenger (long) to the main point	Main	Pilot	Long	21600	n/a
3	Induced load from the pilot and a heavy passenger (short) to the rescue point	Rescue	Pilot	Short	21600	n/a
4	Induced load from the pilot and a light passenger (short) to the rescue point	Rescue	Pilot	Long	21600	n/a
5	Induced load from the main point to between the spreader bar	Main	between the spreader bar		10800	n/a
6	Induced load between the two ends of the integrated rescue bridle	Bridle	Bridle		24000	n/a



Issue data

Place of declaration: **Villeneuve**
 Date of issue: **05.07.2022**

Managing director: **Andrea Wigger**
 Signature: 

Manufacturer	Instrument	Type no	S/N	Validity Calibration
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	04.09.2023

This signature approves the validity of the test reports if available. **Air Turquoise SA**, having thoroughly assessed the sample mentioned above, declares it was found conform with all requirements defined by the following norms:

Airworthiness Requirements **Nfl 2-565-20**

The model has been tested according to Nfl 2-565-20 point 3.2.4, up to 9G of its total weight in flight or at least 1350 daN during 10 seconds.

⁽¹⁾ Calculated values in tests reports 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%.

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Name **Spread Tandem spreader Light**

Test 1

Standard	NfL 2-565-20
Test setup	Induced load from the pilot and a heavy passenger (short) to the main point
Min. Required load [g]	9
Min. Required load [N]	21600
Min. Required duration [s]	10
Result	
Test duration [s]	12.4
Any signs of structural failure	No
Test results	POSITIVE

