AIR TURQUOISE SA | PARA-TEST.COM
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Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Harness Spreader Report

Inspection certificate number: **MISC_161-2020**

Manufacturer data:

Manufacturer name:	**Niviuk Gliders**
Representative:	**Dominique Cizeau**
Street:	**C. Del Ter, 6-Nave D**
Post code place:	**17165 La Cellera de Ter Girona**
Country:	**Spain**

Sample data:

Name Spreader	**Spreader bar hard 25cm**
Max Load [kg]:	**240**
Serial number:	**n/a**
Date of reception:	**14.10.2020**

Test data

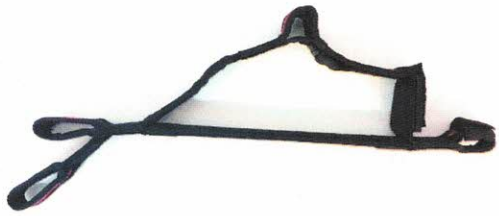
Place of test **Villeneuve**
Date of test: **14.10.2020**
Inspector: **Alain Zoller**

Atmosphere AGL:

[C°]	**20.6**
RH [%]	**47**
[hPa]	**965.7**

Summary of Spreader's test

Test id	_	Test configuration [2]	Top Att. Point	Bottom Attachement point		Min. Load [N]	Result
1	V	Induced load from the pilot and a heavy passenger (short) to the main point	Main	Pilot	Short	21600.00	POSITIVE
2	V	Induced load from the pilot and a light passenger (long) to the main point	Main	Pilot	Long	21600.00	POSITIVE
3		Induced load from the pilot and a heavy passenger (short) to the rescue point	Rescue	Pilot	Short	21600.00	n/a
4		Induced load from the pilot and a light passenger (short) to the rescue point	Rescue	Pilot	Long	21600.00	n/a
5	V	Induced load from the main point to between the spreader bar	Main	between the spreader bar		9600.00	POSITIVE



Issue data

Place of declaration **Villeneuve**
Date of issue: **05.11.2020**

Managing director **Alain Zoller**
Signature:

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

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

Airworthiness Requirements **LTF NfL II 91/09**

The model had been tested according to Nfl II 35/03 point 3.2.3, up to 9G of its total weight in flight or at least 1350 daN during 10 seconds.

[1] Calculated value 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%.