

Harness Spreader Report

Inspection certificate number: **MISC_172-2021**

Manufacturer data:

Manufacturer name: **Gin Gliders Inc.**
 Representative: **Gin Seok Song**
 Street: **2318-32, Baegok-daero, Mohyeon-myeon**
 Post code place: **Cheoin-gu, Yongin-si, Gyeonggi-do**
 Country: **17036, Rep. of Korea**

Sample data:

Name Spreader **Yeti tandem spreader**
 Max Load [kg]: **210**
 Serial number: **n/a**
 Date of reception: **21.01.2021**

Test data

Place of test **Villeneuve**
 Date of test: **26.01.2021**
 Inspector: **Alain Zoller**

Atmosphere AGL:

[C°]	24
RH [%]	31
[hPa]	1012

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	18900.00	POSITIVE
2	Induced load from the pilot and a light passenger (long) to the main point	Main	Pilot Long	18900.00	n/a
3	Induced load from the pilot and a heavy passenger (short) to the rescue point	Rescue	Pilot Short	18900.00	n/a
4	Induced load from the pilot and a light passenger (short) to the rescue point	Rescue	Pilot Long	18900.00	n/a
5	Induced load from the main point to between the spreader bar	Main	between the spreader bar	8400.00	n/a

exemple:



sample received:



Issue data

Place of declaration **Villeneuve**
 Date of issue: **29.01.2021**

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%.

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Name **Spread Yeti tandem spreader**

Test 1

Standard	LTF NfL II 91/09	
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]	18900	
Min. Required duration [s]	10	
Result		
Test duration [s]	27.3	26.01.2021
Any signs of structural failure	No	
Test results	POSITIVE	

