

Harness Spreader Report

Inspection certificate number: MISC_307.2025

Manufacturer data:

Manufacturer name: **AirDesign GmbH**
 Representative: **Stephan Stiegler**
 Street: **Rhomberstrasse 9, 4. Stock**
 Post code place: **A-6067 Absam**
 Country: **Austria**

Sample data:

Name Spreader: **Tandem Spreader-bar 2025**
 Max Load [kg]: **240**
 Serial number: **xrtbar06_rev1-001**
 Date of reception: **07.10.2024**

Test data

Place of test: **Villeneuve**
 Date of test: **16.10.2024**
 Inspector: **Alexandre Jofresa**

Atmosphere AGL:

[C°]	20
RH [%]	62
[hPa]	1003

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	POSITIVE
3	✓	Induced load from the pilot and a heavy passenger (short) to the rescue point	Rescue	Pilot Short	21600	POSITIVE
4	✓	Induced load from the pilot and a light passenger (long) to the rescue point	Rescue	Pilot Long	21600	POSITIVE
5	✓	Induced load from the main point to between the spreader bar	Main	Between the spreader bar	10800	POSITIVE
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: **24.03.2025**

Managing director: **Andrea Wigger**
 Signature: 

Manufacturer	Instrument	Type no	S/N	Validity Calibration
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	23.08.2028

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%.

This declaration must not be reproduced in part without the written permission of AIR TURQUOISE SA.