

## Riser/Bridle strength test

Identification number: MISC\_318.2025

Test Report

### Manufacturer data

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

### Sample data <sup>(1)</sup>

Name of riser: Rescue Risers Tandem v2  
Serial number: 2024 08 Rescue Risers Tandem  
Date of reception: 10.09.2024

### Test data

#### Atmosphere AGL

Place of test: Villeneuve 25 [°C]  
Date of test: 14.08.2025 49 RH [%]  
Inspector: Alexandre Jofresa 983 [hPa]

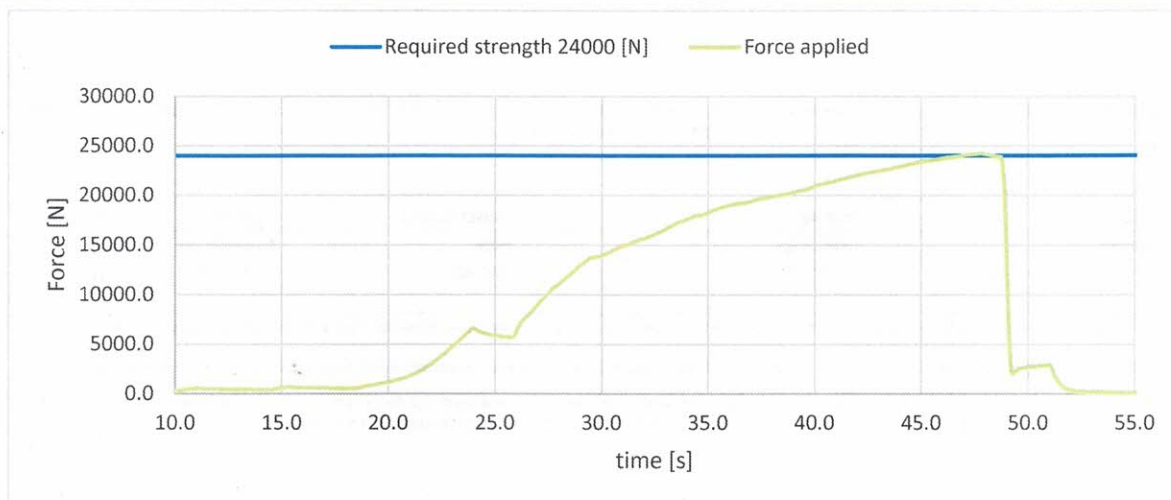
### Required values

Required load [N]: 24000 Minimum duration [s]: 0.3

### Results <sup>(2)</sup>

Maximum load inc. uncertainty <sup>(3)</sup>: 24136.0 [N]  
Duration at the requested load: 0.8 [s]  
Test result: POSITIVE

### Graphic force diagram



Identification number: **MISC\_318.2025****AirDesign GmbH Rescue Risers Tandem v2****Result summary**

Maximum strength for riser, bridle: **24136.0 [N]**  
Duration at the requested load: **0.8 [s]**

Place of declaration: **Villeneuve**  
Date of issue: **16.09.2025**  
Managing director: **Andrea Wigger**

Signature:



This signature approves the validity of the test report

Air Turquoise SA has thoroughly tested the sample of emergency parachute mentioned above and certifies its conformity with the standards: **EN 1651:2018+A1:2020** and **NFL 2024-2-785 chapter 6.1.4**

Instrument	Validity	Manufacturer	Type no.	S/N
Load sensor	23.08.2028	HBM	1-S9M/50KN-1	31314652
Geos n° 11 Skywatch	18.06.2025	JDC elec.	Geos n° 11	22

<sup>(1)</sup> Riser: lowest part of the the parachute system, which is connected to the harness. Bridle: connection between risers and harness, can also be a strap.

<sup>(2)</sup> The connecting strap has to have a minimum load capacity of 24000 [N]. The exposed part of the connecting belt has to be protected against environmental factors.

<sup>(3)</sup> Calculated value includes 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 measured lies within the assigned range of values with a probability of 95%.