

Riser/Bridle strength test

Identification number: **MISC_282.2024**

Test Report

Manufacturer data

Manufacturer name: **Supair SAS**
 Representative: **Laurent Chiabaut**
 Street: **Parc Altais / 34, rue Adrastée**
 Post code / Place: **74650 Chavanod**
 Country: **France**

Sample data ⁽¹⁾

Name of riser: **ALP Rescue Riser**
 Serial number: **ALPRR5**
 Date of reception: **22.05.2024**

Test data

Atmosphere AGL

Place of test: **Villeneuve** 22 [°C]
 Date of test: **22.05.2024** 55 RH [%]
 Inspector: **Nicolas Jacquod** 1003 [hPa]

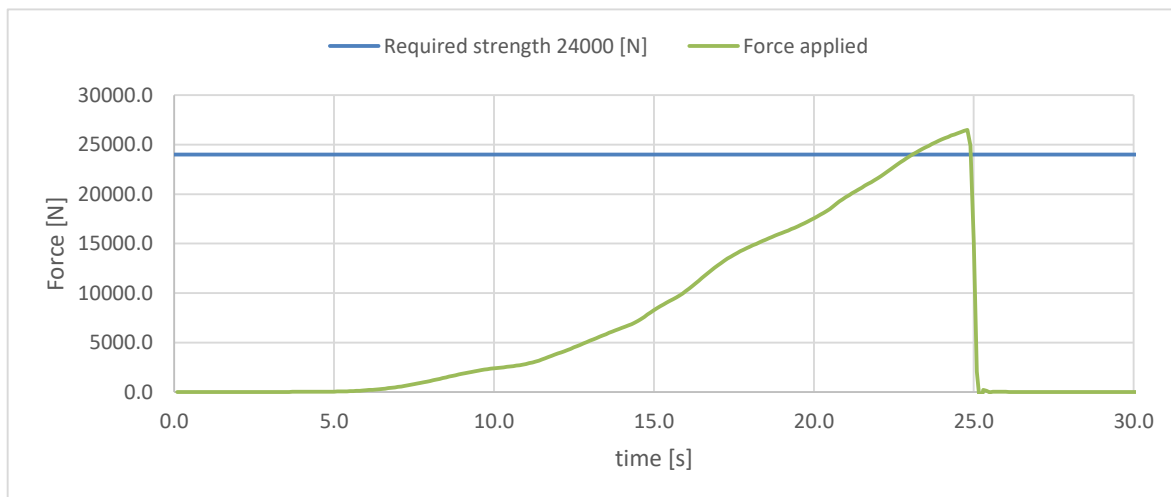
Required values

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

Results ⁽²⁾

Maximum load inc. uncertainty ⁽³⁾: **26397.6 [N]**
 Duration at the requested load: **1.8 [s]**
 Test result: **POSITIVE**

Graphic force diagram



Identification number: **MISC_282.2024**

Supair SAS ALP Rescue Riser

Result summary

Maximum strength for riser, bridle: **26397.6 [N]**
Duration at the requested load: **1.8 [s]**

Place of declaration: **Villeneuve**
Date of issue: **30.05.2024**
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⁽⁴⁾** and **NfL 2-565-20 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

⁽¹⁾ 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.

⁽²⁾ 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.

⁽³⁾ 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%.

⁽⁴⁾ This standards is NOT covered by accreditation D-IS-19457-01