

Connect strength test

Identification number: **MISC_323.2025****Test Report**

Manufacturer data

Manufacturer name: **MCC Aviation SA**
Representative: **Alexandre Paux**
Street: **Route de Forel 34 - La Tuilière**
Post code / Place: **1091 Grandvaux**
Country: **Switzerland**

Sample data ⁽¹⁾

Name of connect: **V-risers SK99 5mm**
Serial number: **VSK99_2401**
Date of reception: **24.01.2024**

Test data

Atmosphere AGL

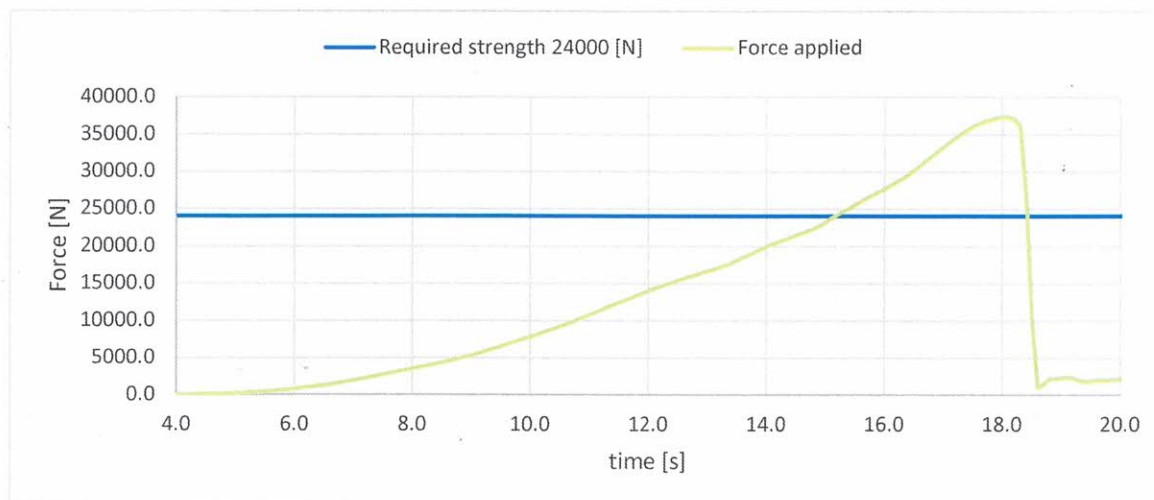
Place of test: **Villeneuve**
Date of test: **07.02.2024**
Inspector: **Nicolas Jacquod**

20 [°C]
35 RH [%]
1007 [hPa]

Results ⁽²⁾

Maximum strength: **POSITIVE** **37276.0 [N]**Includes the uncertainty $K=2$ [N] ⁽³⁾: **155.6 [N]**

Graphic force diagram



Identification number: **MISC_323.2025****MCC Aviation SA V-risers SK99 5mm****Result summary**Maximum strength: **37276.0 [N]**Place of declaration: **Villeneuve**
Date of issue: **21.11.2025**
Managing director: **Andrea Wigger**

Signature:



This signature approves the validity of the test report, and can be included in the inspection certificate 71.5.1

Air Turquoise SA has thoroughly tested the sample of emergency parachute mentioned above and certifies its conformity with the standards: **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	18.06.2026	JDC elec.	Geos n° 11	22

⁽¹⁾ Riser: lowest part of 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 measurand lies within the assigned range of values with a probability of 95%.