

Riser/Bridle strength test

Identification number: **MISC_176.2021**

Test Report

Manufacturer data

Manufacturer name: **Nova Vertriebsgesellschaft m.b.H.**
 Representative: **Philipp Medicus**
 Street: **Auweg 14**
 Post code / Place: **6124 Terfens**
 Country: **Austria**

Sample data ⁽¹⁾

Name of riser: **rescue V-bridle Artus**
 Serial number: **AR_RB_001**
 Date of reception: **09.11.2020**

Test data

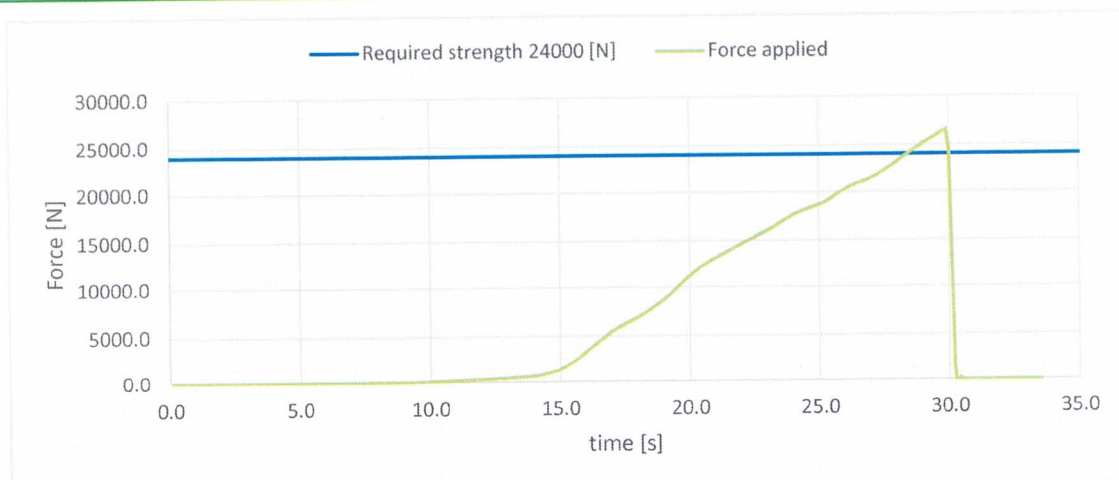
Atmosphere AGL

Place of test	Villeneuve	23.5 [°C]
Date of test	09.11.2020	45 RH [%]
Inspector:	Alain Zoller	1024.2 [hPa]

Results ⁽²⁾

The maximum strength	POSITIVE	26437.2 [N]
Includes the uncertainty K=2 [N] ⁽³⁾ :		132.4 [N]

Graphic force diagram





Identification number: **MISC_176.2021**

Nova Vertriebsgesellschaft m.b.H. rescue V-bridle Artus

Result summary

Maximum strength for riser, bridle **26437.2 [N]**

Place of declaration **Villeneuve**
Date of issue: **09.03.2021**
Managing director **Alain Zoller**

Signature:

This signature approve 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: **LTF NFL II 91/09 chapter 6.1.4**

Instrument	Validity	Manufacturer	Type no.	S/N
Load sensor	04.09.2023	HBM	1-S9M/50KN-1	31314652
Geos n° 11 Skywatch	08.05.2020	JDC elec.	Geos n° 11	22

⁽¹⁾ Riser: lowest part of the parachute system, which is connected to harness. Bridle: connection between riser 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 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 measured lies within the assigned range of values with a probability of 95%.