AIR TURQUOISE SA | PARA-TEST.COM

Route du Pré-au-Comte 8 . CH-1844 Villeneuve . + +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Riser/Bridle strength test

Identification number:

MISC_234.2022

Test Report

Manufacturer data

Manufacturer name:

Davinci Products Inc.

Representative:

Jihun Lee

Street:

53 sinchon-gil, Okcheon-myeon, Yangpyeong-gun

Post code / Place:

Gyeonggi-do 12505

Country:

Republic of Korea

Sample data (1)

Name of riser:

Solo Light Bridle

Serial number:

D-SDLB-001

Date of reception:

14.06.2022

Test data

Atmosphere AGL

Place of test:

Villeneuve 11.11.2022 20 [°C]

Date of test:

45 RH [%]

Inspector:

Nicolas Jacquod

1021 [hPa]

Required values

Required load [N]:

24000

Minimum duration [s]:

0.3

Results (2)

Maximum load inc. uncertainty (3):

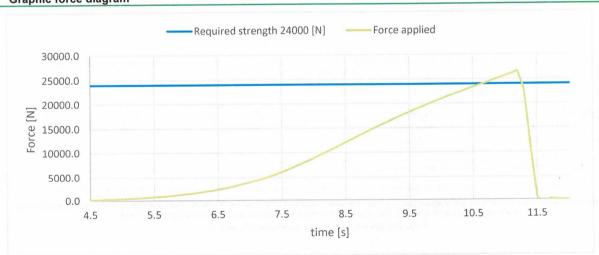
Duration at the requested load:

Test result:

26441.1 [N] 0.6 [s]

POSITIVE

Graphic force diagram



AIR TURQUOISE SA | PARA-TEST.COM

Route du Pré-au-Comte 8 A CH-1844 Villeneuve A +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Identification number:

MISC 234.2022

Davinci Products Inc. Solo Light Bridle

Result summary

Maximum strength for riser, bridle:

26441.1 [N]

Duration at the requested load:

0.6 [s]

Place of declaration: Date of issue:

Managing director

Villeneuve 10.01.2023 **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	04.09.2023	НВМ	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