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Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Riser/Bridle strength test

Identification number: **MISC_074.2018** **Test Report**

Manufacturer data

Manufacturer name:	**Dudek Paragliders SJ**
Representative:	**Wojciech Domanski**
Street:	**Ul. Centralna 2U**
Post code / Place:	**86-031 Osielsko**
Country:	**Poland**

Sample data [1]

Name of riser:	**Front container V-Strap**
Serial number:	**n/a**
Date of reception:	**16.04.2018**

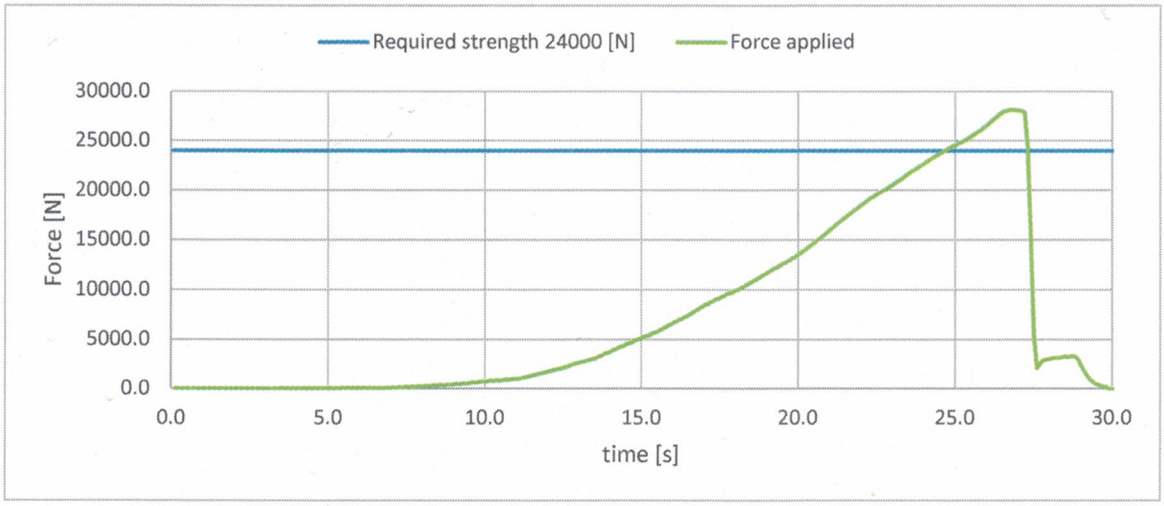
Test data — Atmosphere AGL

Place of test	**Villeneuve**	**23.1** [°C]
Date of test	**16.04.2018**	**42** RH [%]
Inspector:	**Alain Zoller**	**1015.7** [hPa]

Results [2]

The maximum strength	**POSITIVE**	**28107.5** [N]
Includes the uncertainty K=2 [N] [3] :		120.0 [N]

Graphic force diagram



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Identification number: **MISC_074.2018**

Dudek Paragliders SJ Front container V-Strap

Result summary

Maximum strength for riser, bridle **28107.5** [N]

Place of declaration **Villeneuve**
Date of issue: **15.05.2018**
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	14.10.2019	HBM	1-S9M/50KN-1	31314652
Geos n° 11 Skywatch	08.05.2017	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%.