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

paragliding by air turquoise

Riser/Bridle strength test

Identification number: **MISC_291.2024** **Test Report**

Manufacturer data

Manufacturer name:	**Apco Aviation Ltd**
Representative:	**Mr. Cohn Jonathan**
Street:	**Chalamish 7, Caesarea Industrial park**
Post code / Place:	**3088900 Caesarea**
Country:	**Israel**

Sample data [1]

Name of riser:	**MayDay bridle**
Serial number:	**Code 42010**
Date of reception:	**16.07.2024**

Test data

		Atmosphere AGL	
Place of test:	**Villeneuve**	**25**	[°C]
Date of test:	**29.07.2024**	**59**	RH [%]
Inspector:	**Alexandre Jofresa**	**1007**	[hPa]

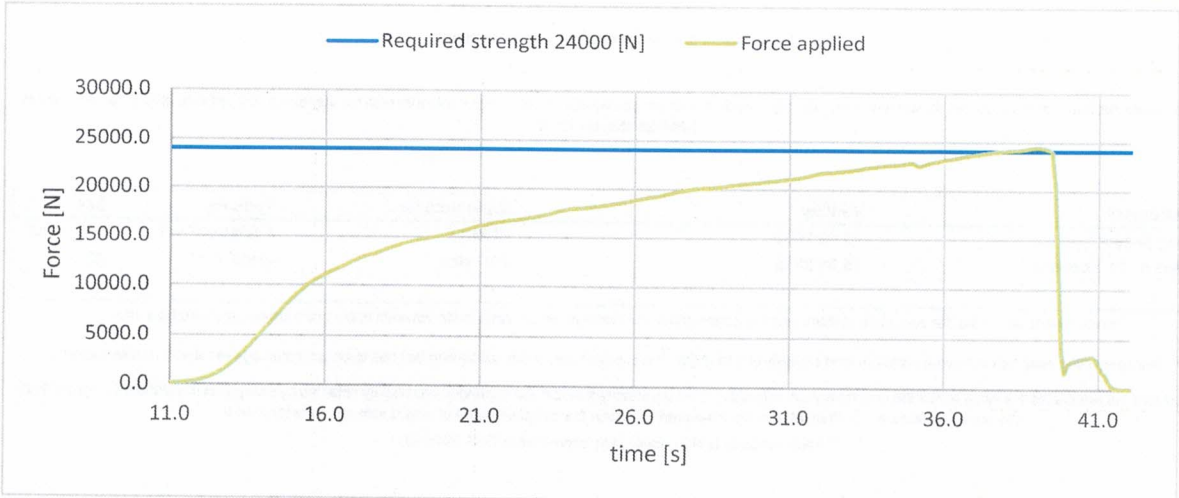
Required values

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

Results [2]

Maximum load inc. uncertainty [3]:	**24330.7** [N]
Duration at the requested load:	**1.3** [s]
Test result:	**POSITIVE**

Graphic force diagram



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Identification number: **MISC_291.2024**

Apco Aviation Ltd MayDay bridle

Result summary

Maximum strength for riser, bridle:	**24330.7** [N]
Duration at the requested load:	**1.3** [s]

Place of declaration: **Villeneuve**
Date of issue: **26.11.2024**
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