AIR TURQUOISE SA | para-test.com |
Rte du Pré-au-Comte 8 | CH-1844 Villeneuve

Test laboratory for paragliders, paraglider harnesses
and paraglider emergency parachutes

paragliding by air turquoise

Miscellaneous Impact Pad Report

Inspection certificate number: **MISC_355.2026**

Manufacturer data:

Manufacturer name:	**Gin Gliders Inc.**
Representative:	**Gin Seok Song**
Street:	**2318-32, Baegok-daero, Mohyeon-myeon**
Post code place:	**17036 Cheoin-gu, Yongin-si, Gyeonggi-do**
Country:	**Rep. of Korea**
Harness model:	**Genie Race 6**

Sample data:

Name impact pad:	**GR6**
Emergency parachute integrated:	**Yes**
Impact pad type:	**Koroyd**
Weight of sample [kg]:	**0.28**
Serial number:	**GGB126**
Date of test:	**26.05.2026**

Atmosphere AGL:

Temp.	[C°]	**24**
R.H.	[%]	**53**
Press.	[hPa]	**984**

Summary of Impact pad test [1]

Test id	–	Test configuration [2]	Max Peak of Impact [g] [3]	Duration at 38 [g] in [ms] [4]	Duration at 20 [g] in [ms] [5]	Result
P	V	Test sample attached to dummy in flying position, without emergency parachute	**35.41**	**0.00**	**18.33**	**POSITIVE**
PR	V	Test sample attached to dummy in flying position, Including emergency parachute	**36.07**	**0.00**	**19.17**	**POSITIVE**

Issue data

Place of declaration: **Villeneuve**
Date of issue: **07.09.2026**
Managing director: **Andrea Wigger**
Signature:

Manufacturer	Instrument	Type no	S/N	Validity Calibration
Burster/MTS	Accelerometer 100 g	89010-100	1263567	2.11.28
JDC elec	Geos n°11 Skywatch	Geos n°11	Unit11	24.07.30

This signature approves the validity of the test report

Air Turquoise SA, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:
EN 1651:2018+A1:2020, NfL 2024-2-785

[1] Calculated value in tests reports 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 measurand lies within the assigned range of values with a probability of 95%.

[2] The dummy is lifted minimum up to 1.65 m, and impact pad is mounted on. Where the impact occurs, measure distance from bottom of impact pad to ground.

[3] Maximum peak of impact should be less or equal to 50 [g]. [4] If any, the maximum duration in at 38 [g] should be less or equal to 7 [ms].
[5] If any, the maximum duration in at 20 [g] should be less or equal to 25 [ms].

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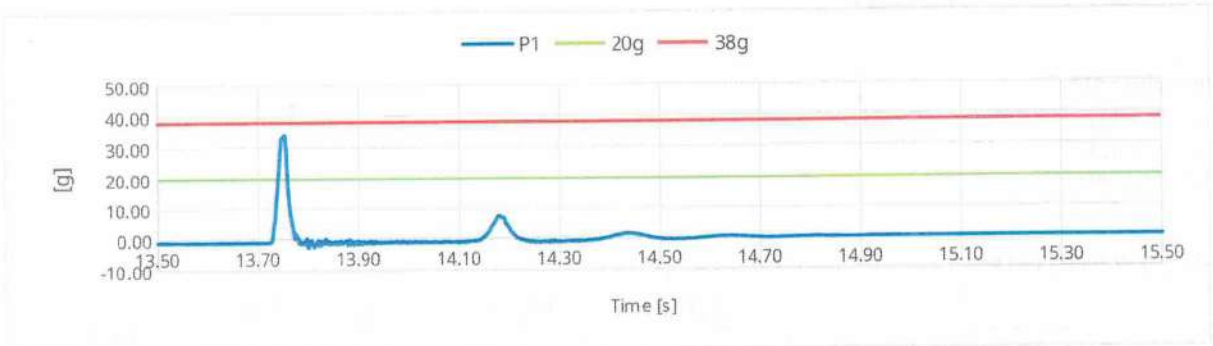
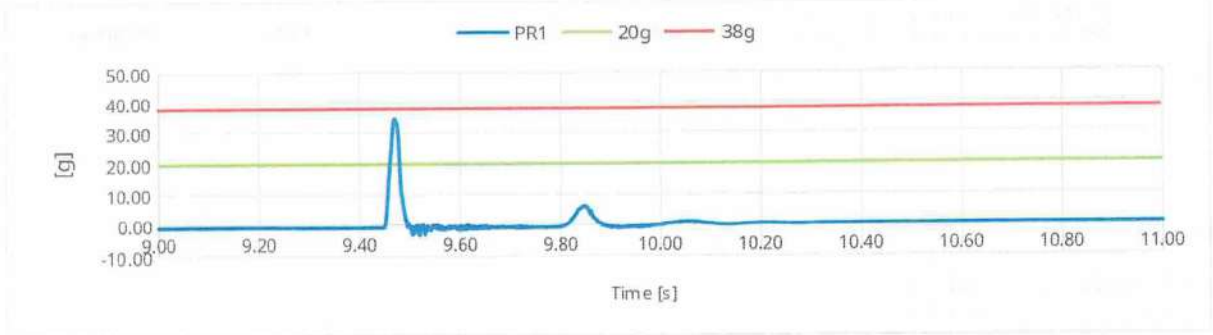
Inspection certificate number: **MISC_355.2026**

Name impact pad: **GR6**

Test results of Impact pad test

	without emergency parachute	including emergency parachute
	P1	**PR1**
Maximum Peak of impact [g]	**35.41**	**36.07**
Impact duration at +38 [g] in [ms]	**0.00**	**0.00**
Impact duration at +20 [g] in [ms]	**18.33**	**19.17**
Uncertainty k=2[g]	**1.48**	**1.51**