



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	✓	Test sample attached to dummy in flying position, without emergency parachute	35.41	0.00	18.33	POSITIVE
PR	✓	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, NTL 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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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

