

Miscellaneous Impact Pad Report

Inspection certificate number: **MISC_341.2026**

Manufacturer data:

Manufacturer name: **Ozone Gliders LTD**
 Representative: **Russell Ogden**
 Street: **16 Barnes Green**
 Post code place: **EH54 8PP Livingston**
 Country: **Scotland UK**

Harness model: **ZIG**

Sample data:

Name impact pad: **ZIG impact pad**
 Emergency parachute integrated: **No**
 Impact pad type: **Foam**
 Weight of sample [kg]: **0.640**
 Serial number: **PRTC-ZIG-001**
 Date of test: **17.02.2025**

Atmosphere AGL:

Temp. [C°]	20
R.H. [%]	38
Press. [hPa]	985

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	43.27	6.67	20.83	POSITIVE
PR	✓	Test sample attached to dummy in flying position, Including emergency parachute	44.38	6.67	20.83	POSITIVE

Issue data

Place of declaration: **Villeneuve**
 Date of issue: **26.03.2026**
 Managing director: **Alain Zoller**
 Signature:



Manufacturer	Instrument	Type no	S/N	Validity Calibration
Burster/MTS	Accelerometer 100 g	89010-100	1263567	02.11.2028
JDC elec	Geos n°11 Skywatch	Geos n°11	Unit11	24.07.2030

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_341.2026**

Name impact pad: **ZIG impact pad**

Test results of Impact pad test

	without emergency parachute	including emergency parachute
	P1	PR1
Maximum Peak of impact [g]	43.27	44.38
Impact duration at +38 [g] in [ms]	6.67	6.67
Impact duration at +20 [g] in [ms]	20.83	20.83
Uncertainty k=2[g]	1.81	1.86

