



Miscellaneous Impact Pad Report

Inspection certificate number: **MISC_353.2026**

Manufacturer data:

Manufacturer name: **Niviuk Gliders**
Representative: **Dominique Cizeau**
Street: **C. Del Ter, 6-Nave D**
Post code place: **17165 La Cellera de Ter Girona**
Country: **Spain**

Harness model: **Arrow 2**

Sample data:

Name impact pad: **APAIR 2**
Emergency parachute integrated: **No**
Impact pad type: **Inflatable**
Weight of sample [kg]: **0.185**
Serial number: **#0626M**
Date of test: **22.06.2026**

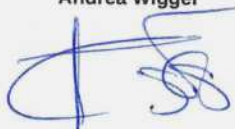
Atmosphere AGL:

Temp. [C°]	28
R.H. [%]	46
Press. [hPa]	979

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	32.30	0.00	24.17	POSITIVE
PR	✓	Test sample attached to dummy in flying position, including emergency parachute	33.18	0.00	24.17	POSITIVE

Issue data

Place of declaration: **Villeneuve**
Date of issue: **11.09.2026**
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, NF. 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:

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Name impact pad:

APAIR 2

Test results of Impact pad test

	without emergency parachute	including emergency parachute
	P1	PR1
Maximum Peak of impact [g]	32.30	33.18
Impact duration at +38 [g] in [ms]	0.00	0.00
Impact duration at +20 [g] in [ms]	24.17	24.17
Uncertainty k=2[g]	1.35	1.39

