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_357.2026**

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:	**ARRFO2**
Emergency parachute integrated:	**No**
Impact pad type:	**Foam**
Weight of sample [kg]:	**0.472**
Serial number:	**ARFFO2220926**
Date of test:	**01.10.2026**

Atmosphere AGL:

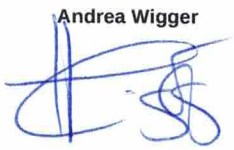
Temp.	[C°]	**24**
R.H.	[%]	**52**
Press.	[hPa]	**979**

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	V	Test sample attached to dummy in flying position, without emergency parachute	**35.59**	**0.00**	**20.83**	**POSITIVE**
PR	V	Test sample attached to dummy in flying position, Including emergency parachute	**34.20**	**0.00**	**20.83**	**POSITIVE**

Issue data

Place of declaration: **Villeneuve**
Date of issue: **13.10.2026**
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_357.2026**

Name impact pad: **ARRFO2**

Test results of Impact pad test

	without emergency parachute	including emergency parachute
	P1	**PR1**
Maximum Peak of impact [g]	**35.59**	**34.20**
Impact duration at +38 [g] in [ms]	**0.00**	**0.00**
Impact duration at +20 [g] in [ms]	**20.83**	**20.83**
Uncertainty k=2[g]	**1.49**	**1.43**

0.472

