AIR TURQUOISE SA | PARA-TEST.COM

Route du Pré-au-Comte 8 A CH-1844 Villeneuve A +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Miscellaneous Impact Pad Report

Inspection certificate number: MISC_208.2022

Manufacturer data:

Manufacturer name:

Representative:

Street:

Skywalk GmbH & Co. KG

Mr. Arne Wehrlin

Windeckstrasse 4 83250 Marquarstein

Post code place: Country:

Germany

Sample data:

Permair A2 Name impact pad: Emergency parachute integrated: No

Impact pad type:

Weight of sample [kg]:

Serial number:

Date of test:

0.258 SHRXA3MO-07042022 V2R5

25.04.2022

Inflatable

Harness model:

Not related to specific model

Atmosphere AGL:

Temp.	[C°]	20
R.H.	[%]	39
Press.	[hPa]	998

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⁾	Diff. of test 1 and 2 [%] ⁽⁶⁾	Result
Р	V	Test sample attached to dummy in flying position, without emergency parachute	35.32	0.00	22.50	-3.00	POSITIVE
PR		Test sample attached to dummy in flying position, Including emergency parachute	0.00	0.00	0.00	n/a	n/a

Issue data

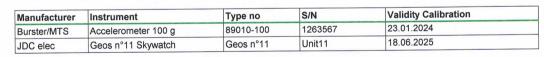
Place of declaration:

Date of issue:

Managing director: Signature:

04.04.2023 Andrea Wigger

Villeneuve



This signature approves the validity of the test report

Air Turquoise SA has thoroughly tested the sample of emergency parachute container mentioned above and certifies its conformity with the following standards: EN 1651:2018+A1:2020⁽⁷⁾, NfL 2-565-20

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⁽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]. (6) The test should be done twice, and the 2nd test the maximum peak should not differe more than 20% from the first test, maximum peak.

⁽⁷⁾ This standards is NOT covered by accreditation D-IS-19457-01

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Inspection certificate number:

MISC_208.2022

Name impact pad:

Permair A2

Test results of Impact pad test

	without emergency parachute		including emergency parachute		
	P1	P2	PR1	PR2	
Maximum Peak of impact [g]	35.32	34.26	0.00	0.00	
Impact duration at +38 [g] in [ms]	0.00	0.00	0.00	0.00	
Impact duration at +20 [g] in [ms]	22.50	22.50	0.00	0.00	
Uncertainty k=2[g]	2.03	1.97	0.00	0.00	
Diff. between test 1 and 2 [%]	100.00	97.00	100.00	0.00	

