AIR TUROUOISE 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_252.2023

Manufacturer data:

Manufacturer name:

Sky Paragliders a.s.

Name impact pad:

Sample data:

REVERSE 5

Representative:

Michal Sotek

Emergency parachute integrated: Yes

Street:

Okruzni 39

Impact pad type:

Airbag

Post code place:

73911 Frydlant n.O.

Weight of sample [kg]:

2.98 2760-13-6477

Country:

Czech Republic

Serial number: Date of test:

02.05.2023

Harness model:

REVERSE 5

Atmosphere AGL:

Temp.	[C°]	20	
R.H.	[%]	47	
Press.	[hPa]	1008	

Summary of Impact pad test (1)

Test id	-	Test configuration (2)	Max Peak of Impact [g] (3)	Duration at 38 [g] in [ms] (4)		Diff. of test 1 and 2 [%] ⁽⁶⁾	Result
Р	٧	Test sample attached to dummy in flying position, without emergency parachute	28.93	0.00	8.33	14.58	POSITIVE
PR	٧	Test sample attached to dummy in flying position, Including emergency parachute	24.03	0.00	8.33	9.10	POSITIVE

Issue data

Place of declaration:

Villeneuve

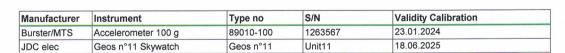
Date of issue:

03.05.2023

Managing director:

Andrea Wigger

Signature:



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

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

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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.

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Inspection certificate number:

MISC_252.2023

Name impact pad:

REVERSE 5

Test results of Impact pad test

	without emergency parachute		including emergency parachute	
	P1	P2	PR1	PR2
Maximum Peak of impact [g]	25.25	28.93	22.03	24.03
Impact duration at +38 [g] in [ms]	0.00	0.00	0.00	0.00
Impact duration at +20 [g] in [ms]	7.50	8.33	6.67	8.33
Uncertainty k=2[g]	1.45	1.66	1.27	1.38
Diff. between test 1 and 2 [%]	100.00	114.58	100.00	109.10

