AIR TUROUDISE SA | PARA-TEST.COM

Route du Pré-au-Comte 8 A CH-1844 Villeneuve A +41 (0)2) 965 65 65

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Miscellaneous Impact Pad Report

Inspection certificate number: MISC_169-2020

Manufacturer data:

Sample data:

Manufacturer name:

Sky Paragliders a.s.

Representative:

Michal Sotek

Name impact pad:

Sky Blowbag

Okruzni 39

Emergency parachute integrated:

Street: Post code place:

73911 Frydlant n.O.

Impact pad type:

inflatable

Serial number:

V3-00002 0.4

Country:

Czech Republic

Weight of sample [kg]: Date of test:

09.12.2020

Harness model:

Not related to specific model

Atmosphere AGL:

Summary of Impact pad test (1)

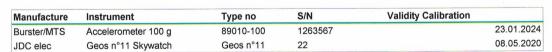
Test id	_	Test configuration (2)	Max Peak of Impact [g] ⁽³⁾	Duration at 38 [g] in [ms] (4)	Duration at 20 [g] in [ms] ⁽⁵⁾	Diff. of test 1 and 2 [%] ⁽⁶⁾	Result
Р	٧	Test sample attached to dummy in flying position, without emergency parachute	34.90	0.00	21.67	1.29	POSITIVE
PR		Test sample attached to dummy in flying position, Include emergency parachute	n/a	n/a	n/a	n/a	n/a

Issue data

Place of declaration Date of issue: Managing director

Villeneuve 28.12.2020 Alain Zoller

Signature:



This signature approve the validity of the test reports if available. Air Turquoise SA, having thoroughly assessed the sample mentioned above, declare it was found conform with all requirements defined by the following norms:

Airworthiness Requirements LTF NfL II 91/09 - European Standard EN1651 :2018

⁽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. This declaration must not be reproduced in part without the written permission of AIR TURQUOISE SA.

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Inspection certificate number:

MISC_169-2020

Name impact pad:

Sky Blowbag

Test results of Impact pad test

	without emergency parachute		include emergency parachute		
	P1	P2	PR1	PR2	
Maximum Peak of impact [g]	34.45	34.90	n/a	n/a	
Impact duration at +38 [g] in [ms]	0.00	0.00	n/a	n/a	
Impact duration at +20 [g] in [ms]	21.67	20.83	n/a	n/a	
Uncertainty k=2[g]	1.98	2.01	n/a	n/a	
Difference of test 1 and 2 [%]	100.00	101.29	n/a	n/a	

