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



Harness Impact Pad Report

Inspection certificate number: MISC_136.2019

Manufacturer data:

Sample data:

Manufacturer name:

Woody Valley srl

Representative: Street:

Simone Caldana Via Vienna 92

Post code place:

30121 Trento

Country:

Italy

Name impact pad: Inflatable Airbag

Impact pad intgrated: no
Impact pad type: Airbag
Serial number: N210

Weight of sample [kg]: 0.057

Date of test: 17.09.2019

Harness model:

GTO Light

Atmosphere AGL:

[C°]	23.5	
RH [%]	56	
[hPa]	974.4	

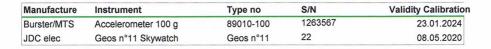
Summary of Impact pad test (1)

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	38.20	0.00	22.50	0.87	POSITIVE
PR		Test sample attached to dummy in flying position, Include emergency parachute	0.00	0.00	0.00	0.00	n/a

Issue data

Place of declaration Date of issue: Managing director Villeneuve 24.09.2019 Ałain Zoller

Signature:



The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

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

⁽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.

AIR TURQUOISE SA | PARA-TEST.COM

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

Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Inspection certificate number:

MISC_136.2019

Name impact pad:

Inflatable Airbag

Test results of Impact pad test

	without emergency parachute		include emergency parachute	
	P1	P2	PR1	PR2
Maximum Peak of impact [g]	37.87	38.20	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]	2.18	2.20	0.00	0.00
Difference of test 1 and 2 [%]	100.00	100.87	100.00	n/a

