



Miscellaneous Impact Pad Report

Inspection certificate number: **MISC_314.2025**

Manufacturer data:		Sample data:	
Manufacturer name:	Woody Valley srl	Name impact pad:	DENALI AIRBAG
Representative:	Simone Caldana	Emergency parachute integrated:	No
Street:	Via Linz 23	Impact pad type:	Airbag
Post code place:	38121 Trento	Weight of sample [kg]:	0.248
Country:	Italy	Serial number:	0001
		Date of test:	17.06.2025
Harness model:	DENALI 2		

Atmosphere AGL:	
Temp. [C°]	26
R.H. [%]	43
Press. [hPa]	985

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	✓	Test sample attached to dummy in flying position, without emergency parachute	15.83	0.00	0.00	POSITIVE
PR		Test sample attached to dummy in flying position, Including emergency parachute	0.00	0.00	0.00	n/a

Issue data

Place of declaration:

Villeneuve


Date of issue:

23.06.2025

Managing director:

Andrea Wigger

Signature:



Manufacturer	Instrument	Type no	S/N	Validity Calibration	
Burster/MTS	Accelerometer 100 g	89010-100	1263567	23.08.2028	
JDC elec	Geos n°11 Skywatch	Geos n°11	Unit11	18.06.2025	

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, 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.

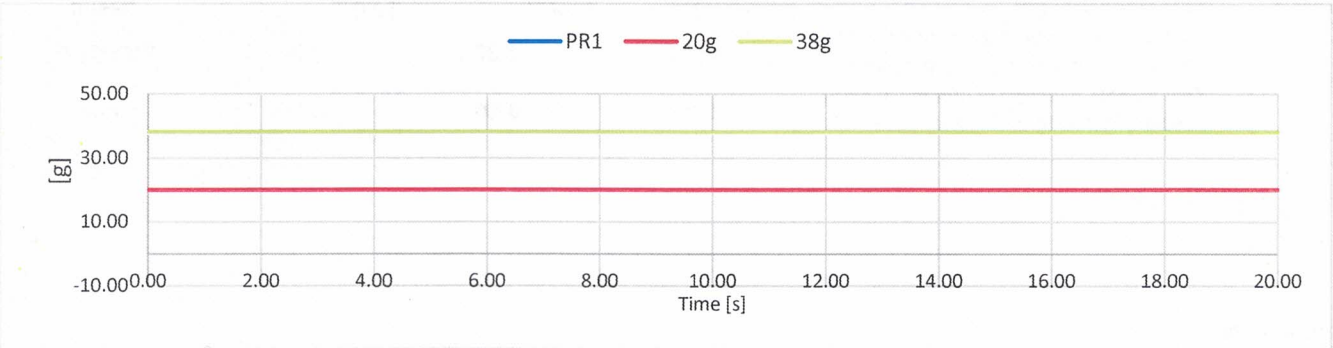
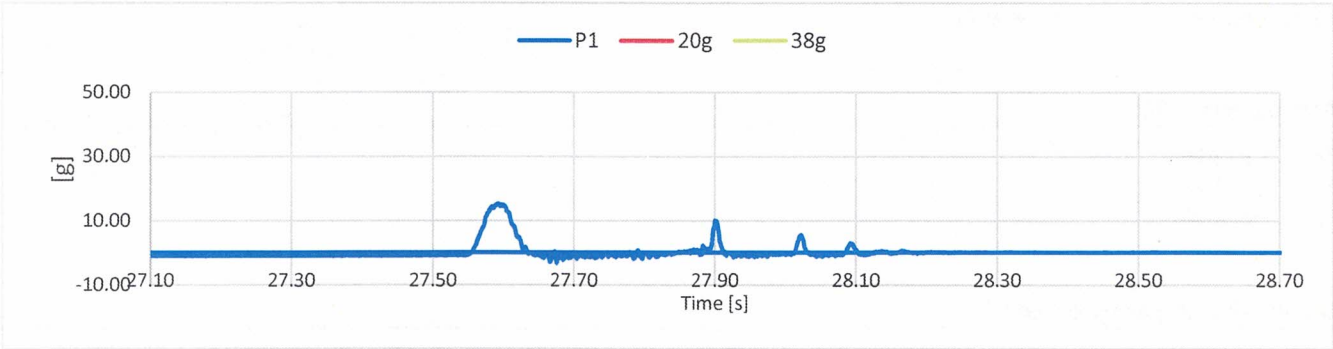
⁽³⁾ Maximum peak of impact should be less or equal to 50 [g], ⁽⁴⁾ If any, the maximum duration in at 38 [g] should be less or equal to 7 [ms],
⁽⁵⁾ If any, the maximum duration in at 20 [g] should be less or equal to 25 [ms].

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Inspection certificate number: **MISC_314.2025** Name impact pad: **DENALI AIRBAG**

Test results of Impact pad test

	without emergency parachute	including emergency parachute
	P1	PR1
Maximum Peak of impact [g]	15.83	0.00
Impact duration at +38 [g] in [ms]	0.00	0.00
Impact duration at +20 [g] in [ms]	0.00	0.00
Uncertainty k=2[g]	0.66	0.00



^(*) 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].