



# Harness Impact Pad Report

Inspection certificate number: **MISC\_331.2026**

## Manufacturer data:

Manufacturer name: **AIR MKG - Kortel Design**  
 Representative: **Max Jeanpierre**  
 Street: **1096 Avenue André Lasquin**  
 Post code place: **74700 Sallanches**  
 Country: **France**  
 Harness model: **Kooka**

## Sample data:

Name impact pad: **Airbox 2**  
 Impact pad integrated: **No**  
 Impact pad type: **Inflatable**  
 Weight of sample [kg]: **0.34**  
 Serial number: **AAM125**  
 Date of test: **02.09.2025**

## Atmosphere AGL:

Temp. [C°]	<b>24</b>
R.H. [%]	<b>47</b>
Press. [hPa]	<b>978</b>

## Summary of Impact pad test <sup>(1)</sup>

Test id	-	Test configuration <sup>(2)</sup>	Max Peak of Impact [g] <sup>(3)</sup>	Duration at 38 [g] in [ms] <sup>(4)</sup>	Duration at 20 [g] in [ms] <sup>(5)</sup>	Result
P		Test sample attached to dummy in flying position, without emergency parachute	<b>32.68</b>	<b>0.00</b>	<b>25.00</b>	<b>POSITIVE</b>
PR		Test sample attached to dummy in flying position, Including emergency parachute	<b>32.06</b>	<b>0.00</b>	<b>25.00</b>	<b>POSITIVE</b>

Manufacturer	Instrument	Type no	S/N	Validity Calibration
Burster/MTS	Accelerometer 100 g	89010-100	1263567	02.11.2028
JDC elec	Geos n°11 Skywatch	Geos n°11	Unit11	24.07.2030

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

**Air Turquoise SA**, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:

**EN1651:2018+A1:2020 and NfL 2024-2-785**

<sup>(1)</sup> Calculated values 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%

<sup>(2)</sup> 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

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

Inspection certificate number: **MISC\_331.2026**Name impact pad: **Airbox 2****Test results of Impact pad test**

	without emergency parachute	including emergency parachute
	P1	PR1
Maximum peak of impact [g]	<b>32.68</b>	<b>32.06</b>
Impact duration at +38 [g] in [ms]	<b>0.00</b>	<b>0.00</b>
Impact duration at +20 [g] in [ms]	<b>25.00</b>	<b>25.00</b>
Uncertainty k=2 [g]	<b>1.37</b>	<b>1.34</b>

