

# Harness Impact Pad Report

Inspection certificate number: **MISC\_312.2025****Manufacturer data:**

Manufacturer name: **Advance Thun AG**  
Representative: **Rolf Zeltner**  
Street: **Uttigenstrasse 87**  
Post code place: **3600 Thun**  
Country: **Switzerland**

Harness model: **STRAPLESS 4**

**Sample data:**

Name impact pad: **PROTECTAIR  
Strapless 4**  
Impact pad integrated: **No**  
Impact pad type: **Inflatable**  
Weight of sample [kg]: **0.22**  
Serial number: **1189440**  
Date of test: **10.04.2025**

**Atmosphere AGL:**

Temp. [C°]	<b>22</b>
R.H. [%]	<b>30</b>
Press. [hPa]	<b>987</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>31.33</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>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>n/a</b>

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

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 NF L 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].

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