



## DECLARATION of CONFIRMITY

Air Turquoise SA, having thoroughly assessed the sample mentioned hereunder, declare it was found conform  
 :with all requirements defined by the following norms:

**Airworthiness requirements for hang gliders and paragliders LTF 2009 as published in NFL 91/09**

Declaration conformity number: **PH\_138.2015**

Manufacturer name: **SUPAIR sàrl**

Contact person: **Laurent Chiabaut**

Street: **34, rue Adrastée**

Post code / place: **74650 Chavanod**

Country: **France**

### TEST SAMPLE DATA

Harness manufacturer name: **VIP 2**

Harness manufacturer size: **all**

Serial number of the test sample: **VIP2-TU-20150324-EI**

Harness weight (kg) : **ABS**

Maximum certified pilot weight (kg): **120**

Harness protector type: **Airbag**

Harness type: **ABS**

Volume reserve parachute container (cm3): **n/a**

Max: **xx**

Min: **xx**

Test responsible: **Alain Zoller**

Inspection place: **Villeneuve**

Sample reception date: **24.03.2015**

### Paraglider harness protectors

Shock impact tests have to be executed on these harnesses in order to prove the damping characteristics of it. Most paraglider harnesses  
 .are equipped with a protection device that damps the shock on the pilot's spine during a hard landing

Test ID	TESTED ?	Standard Ref.:	TEST setup	Anchoring		Impact				Result
				Attach-ment points	Dummy	Max. tolerated peak impact in g	Max Peak impact measured	Impact duration of +38 g (if any) recorded:	Impact duration of +20 g (if any) recorded:	
PRO TECT 1	✓	5.1.1	Default flying position	Test dummy is attached to the harness like a pilot in flight. +20-25°	+50g	34.11	0.00	0.00	POSITIF	
PRO TECT 2		5.1.1	Default flying position	Test dummy is attached to the harness like a pilot in flight. +20-25° with rescue	+50g	0.00	0.00	0.00	n/a	
PRO TECT 3		5.1.1	Default flying position	Test dummy is attached to the harness like a pilot in flight. -5-10°	+50g	0.00	0.00	0.00	n/a	
PRO TECT 4		5.1.1	Default flying position	Test dummy is attached to the harness like a pilot in flight. -5-10° with rescue	+50g	0.00	0.00	0.00	n/a	

Place of declaration: **Villeneuve**  
 Date of issue: **24.05.2015**  
 Director Management: **Alain Zoller**

Signature: \_\_\_\_\_

Present declaration's scope only extends to the conformity of a given sample, on a given date and in a given place – as mentioned here above.

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

# INSPECTION REPORT

## Paraglider harness protectors

Inspection report number: **PH\_138.2015**  
 Manufacturer name: **SUPAIR sàrl**  
 Adress: **34, rue Adrastée**  
**74650 Chavanod**  
**France**

### TEST SAMPLE DATA

Harness Manufacturers name: **VIP 2**  
 Harness Manufacturers Size: **all**  
 Harness Manufacturers max load (kg): **120**  
 Harness Manufacturers serial number: **VIP2-TU-20150324-EI**  
 Date of sample reception: **24.05.2015**  
 Directive: **LTF NFL II-91/09**  
 Inspector: **Alain Zoller**

The following limits may not be exceeded during a protector test: Maximum peak 50g, Maximum 38g for a period of 7 milliseconds, Maximum 20g for a period of 25 milliseconds: All three criteria must be fulfilled.

### TEST ATMOSPHERE

Deg° **23.4**  
 Hum% **50**  
 hPa **1017.7**

### INSPECTION RESULTS

Impact in g force at a height of min 165 cm:

	20 25°	20 25°	*-10° -5°	*-10° -5°
<b>Without rescue system</b>				
Test ID	<b>P1</b>	<b>P2</b>	<b>PN1</b>	<b>PN2</b>
Absolute maximum impact (g)	34.1	33.5	0.0	0.0
Impact duration of+ 38 g (if any): ms	0.00	0.00	0.00	0.00
Impact duration of +20 g (if any): ms	0.00	0.00	0.00	0.00
Uncertainty 95 % (%)	6.61	6.61	6.61	6.61
Uncertainty 95 % (g)	2.25	2.21	0.00	0.00
<b>MAX ACCELERATION compare (%)</b>	100	98	100	100
Test Result:	POSITIF	POSITIF	n/a	n/a
<b>With rescue system</b>				
Test ID	<b>P1R</b>	<b>P2R</b>	<b>PN1R</b>	<b>PN2R</b>
Absolute maximum impact (g)	0.0	0.0	0.0	0.0
Impact duration of+ 38 g (if any): ms	0.00	0.00	0.00	0.00
Impact duration of +20 g (if any): ms	0.00	0.00	0.00	0.00
Uncertainty 95 % (%)	6.61	6.61	6.61	6.61
Uncertainty 95 % (g)	0.00	0.00	0.00	0.00
<b>MAX ACCELERATION compare (%)</b>	100	100	100	100
Test Result:	n/a	n/a	n/a	n/a

### INSPECTION

Place of inspection: **Villeneuve**  
 Date of inspection: **24.05.2015**

Inspector: **Alain Zoller**

Signature: \_\_\_\_\_



\* Sample is refrigerated at negative value according to the LTF91/09 requirements, the test is executed at the test room temperature.

# INSPECTION REPORT

## Paraglider harness protectors

Inspection report number: PH\_138.2015

Instruments	Validity	Manufacturer	Type nr.	S/N
Accelerometer sensor 100 G		Burster / MTS	89010-100	1263567
Geos n° 11 Skywatch		JDC electronics	Geos n° 11	0022

