



BP PARAGLIDERS HARNESS BACK PROTECTORS INSPECTION REPORT

Inspection report number: **PH 128.2015**

MANUFACTURER HARNESS DATA

Manufacturer name: **SUPAIR Sàrl**
Contact person: **Laurent Chiabaut**
Street: **34, rue Adrastée**
Post code / place: **74650 Chavanod**
Country: **France**

Name: **STRIKE** Size: **M**
Type: **ABS**

Weight [kg]: **1.54** Max load [kg] : **100**
Serial number : **STRIKE-M-20150318-EI**

Protector type: **Foam**

TEST DATA

TEST ATMOSPHERE AGL

Reception date : **01/01/2015**
Test place and date : **Villeneuve, 20/03/2015**
Test responsible: **Alain Zoller**

[C°] **22,3**
RH [%] **30**
[hPa] **1026,4**
Wind [m/s] **0**

Place of declaration: **Villeneuve**
Date of issue: **21/05/2015**
Director management: **Alain Zoller**

Signature:

Airworthiness requirements for hang gliders and paragliders LTF 2009 as published in NfL 91/09 chapter 5 Paraglider harness protectors

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 inspection report contain the following test and is complet with the **test report PH BP**



TESTS RESULTS

.Shock impact tests is executed on these harnesses in order to prove the damping characteristics of it.

Test ID	TESTED ?	Standard	TEST setup	Test configuration	Impact at 165 cm (Seat plate)			Results
		LTF			Max Peak impact [g] force	Impact duration at 38 [g] (if any) recorded: [ms]	Impact duration at 20 [g] (if any) recorded: [ms]	
PRO TECT 1	✓	5.1.1	Default flying position	Test sample is attached to the dummy like a pilot in flight. Sample temperature +20+25°C without rescue	50.68	6.98	20.57	POSITIVE
PRO TECT 2		5.1.1	Default flying position	Test sample is attached to the dummy like a pilot in flight. Sample temperature +20+25°C with rescue	0.00	0.00	0.00	n/a
PRO TECT 3		5.1.1	Default flying position	Test sample is attached to the dummy like a pilot in flight. Sample temperature -10+5°C without rescue	0.00	0.00	0.00	n/a
PRO TECT 4		5.1.1	Default flying position	Test sample is attached to the dummy like a pilot in flight. Sample temperature -10+5°C with rescue	0.00	0.00	0.00	n/a

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



BACK PROTECTORS SHOCK TEST

BP PARAGLIDERS HARNESS BACK PROTECTORS

Inspection report number: **PH 128.2015**

Manufacturer name: **SUPAIR Sàrl**

Name: **STRIKE**

Max load [kg]: **100**

Serial number: **STRIKE-M-20150318-EI**

Test place & date: **Villeneuve, 20/03/2015**

Test responsible: **Alain Zoller**

Directives: LTF NFL II-91/09 chapter 5 Paraglider harness protectors

The following limits may not be exceeded during back 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.

RESULTS		Impact in at a height of min 165 [[cm] drop:			
Without rescue system	20 25°	20 25°	*-10° -5°	*-10° -5°	
Test ID	P1	P2	PN1	PN2	
Absolute maximum impact [g]	48.3	50.7	0.0	0.0	
Impact duration of+ 38 [g] (if any): [ms]	6.54	6.98	0.00	0.00	
Impact duration of +20 [g] (if any): [ms]	20.69	20.57	0.00	0.00	
Uncertainty 95 % [%]	7.00	7.00	7.00	7.00	
Uncertainty 95 % [g]	3.38	3.55	0.00	0.00	
MAX ACCELERATION compare [%]	101	102	100	n/a	
Test Result:	POSITIVE	POSITIVE	n/a	n/a	
With rescue system	20 25°	20 25°	*-10° -5°	*-10° -5°	
Test ID	P1R	P2R	PN1R	PN2R	
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 % [%]	7.00	7.00	7.00	7.00	
Uncertainty 95 % [g]	0.00	0.00	0.00	0.00	
MAX ACCELERATION compare [%]	100	n/a	100	n/a	
Test Result:	n/a	n/a	n/a	n/a	

Instruments	Validity	Manufacturer	Type nr.	S/N
Accelerometer sensor 100 G	2017	Burster / MTS	89010-100	1263567
Geos n° 11 Skywatch	07.04.2017	JDC electronics	Geos n° 11	0022

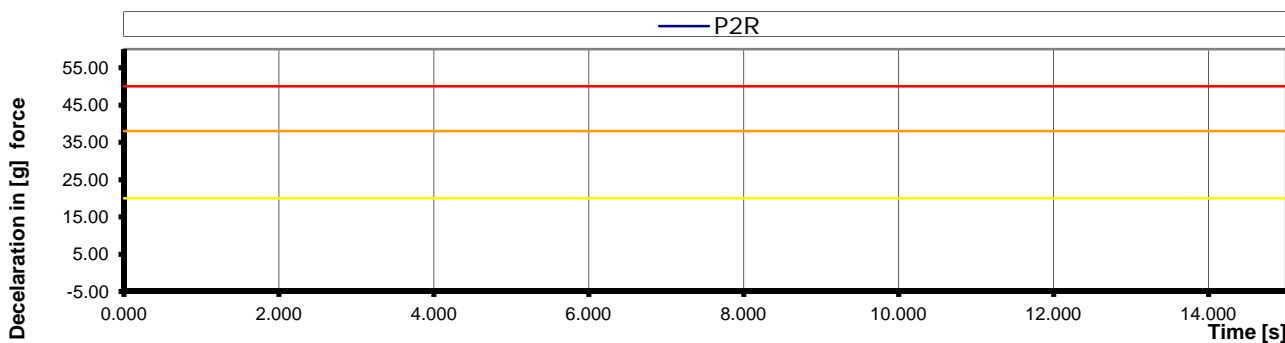
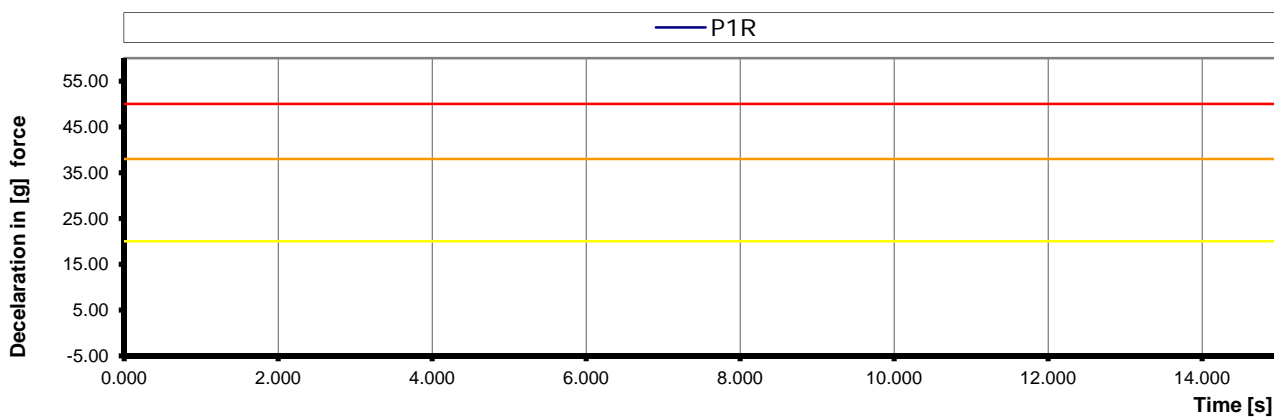
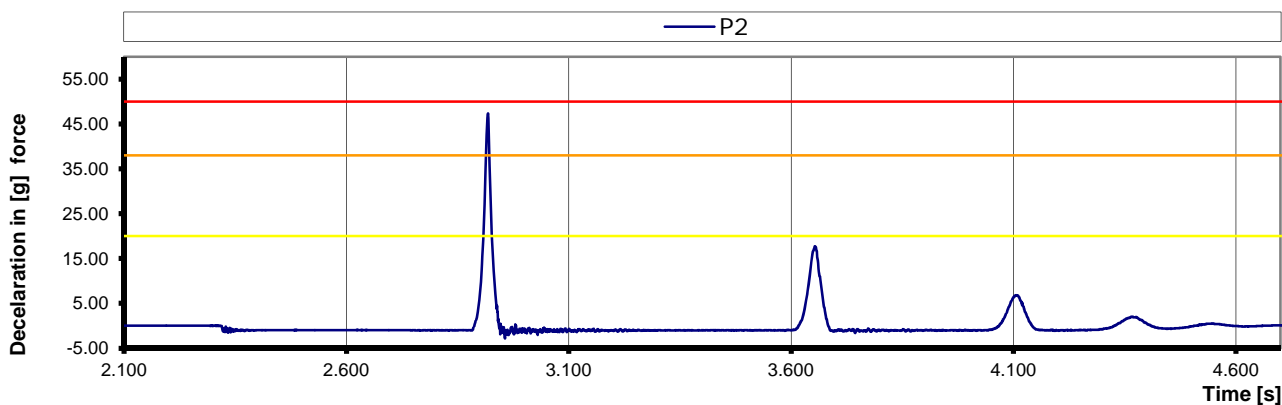
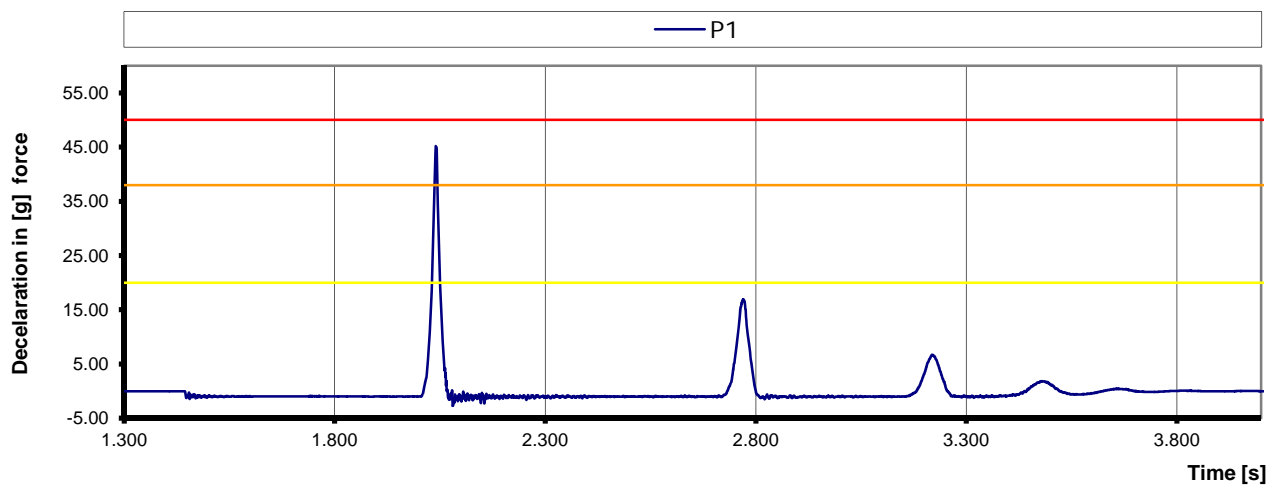
* Sample is refrigerated at negative value according to the LTF91/09 chapter 5 requirements, the test is executed at the test room temperature.



BACK PROTECTORS SHOCK TEST

BP PARAGLIDERS HARNESS BACK PROTECTORS

Inspection report number: PH 128.2015





BACK PROTECTORS SHOCK TEST

BP PARAGLIDERS HARNESS BACK PROTECTORS

Inspection report number: PH 128.2015

