



INSPECTION REPORT

BP PARAGLIDERS HARNESS IMPACT PAD

Inspectio report number: **PH_168.2016**

MANUFACTURER DATA

Manufacturer name: **Fly & More Handels GmbH / ICARO Paragliders**
 Contact person: **Wolfgang Kaiser**
 Street: **Hochriesstr. 1**
 Post code / place: **83126 Flintsbach**
 Country: **Germany**

TEST SAMPLE DATA

Name: **Batis**
 Size: **unique**
 Maximum pilot weight [kg]: **100**
 Serial number: **26BATH1L**
 Sample reception date: **04.02.2016**
 Protector type: **Airbag**
 Harness type: **ABS**
 Weight [kg] : **2.85**

ISSUE DATA

Place of declaration: **Villeneuve**
 Date of issue: **28.06.2016**
 Director Management: **Alain Zoller**

Signature:

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 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
					Max Peak impact [g] force	Impact duration at 38 [g] (if any) recorded: [ms]	Impact duration at 20 [g] (if any) recorded: [ms]	
P	✓	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	30.44	0.00	21.63	POSITIVE
PR		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
PN		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
PNR		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.

IMPACT PAD SHOCK TEST

TEST REPORT **PH BP**

BP PARAGLIDERS HARNESS IMPACT PAD

Inspection report number: **PH_168.2016**

MANUFACTURER DATA

Manufacturer name: **Fly & More Handels GmbH / ICARO Paragliders**
 Contact person: **Wolfgang Kaiser**
 Street: **Hochriesstr. 1**
 Post code / place: **83126 Flintsbach**
 Country: **Germany**

SAMPLE DATA

Name: **Batis**
 Size: **unique**
 Max load [kg]: **100**
 Serial number: **26BATH1L**
 Date of reception: **04.02.2016**

ISSUE DATA

Place of inspection: **Villeneuve**
 Date of inspection: **17.08.2015**
 Inspector: **Alain Zoller**

Directive: **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.

TEST ATMOSPHERE AGL

[C°] **22.3**
 RH [%] **38**
 [hPa] **1033.1**

RESULTS

Impact in at a height of min 165 [cm] drop:

Without rescue system

Test ID	P1	P2
Absolute maximum impact [g]	29.6	30.4
Impact duration of +38 [g] (if any): [ms]	0.00	0.00
Impact duration of +20 [g] (if any): [ms]	20.37	21.63
Uncertainty 95 % [%]	7.00	7.00
Uncertainty 95 % [g]	2.07	2.13
Max acceleration compare [%]	100	103
Test Result:	POSITIVE	POSITIVE

With rescue system

Test ID	P1R	P2R
Absolute maximum impact [g]	0.0	0.0
Impact duration of + 38 [g] (if any): [ms]	0.00	0.00
Impact duration of +20 [g] (if any): [ms]	0.00	0.00
Uncertainty 95 % [%]	7.00	7.00
Uncertainty 95 % [g]	0.00	0.00
Max acceleration compare [%]	100	n/a
Test Result:	n/a	n/a

Instruments

Instruments	Validity	Manufacturer	Type nr.	S/N
Accelerometer sensor 100 G	10.07.2016	Burster / MTS	89010-100	1263567
Geos n° 11 Skywatch	07.04.2017	JDC electronics	Geos n° 11	0022

Test Report generated automatically by AIR TURQUOISE SA, valid without signature

IMPACT PAD SHOCK TEST

TEST REPORT PH BP

BP PARAGLIDERS HARNESS IMPACT PAD

Inspection report number: PH_168.2016

