

## Harness inspection certificate

Inspection certificate number: PH\_214.2017

Impact pad number: PH\_IP\_164.2016

### Manufacturer data


Manufacturer name: **Sky Paragliders**  
 Representative: **Nemec Martin**  
 Street: **Okruzni 39**  
 Post code / place: **73911 Frydlant N.C.**  
 Country: **Czech Republic**

Sample data:	Harness	Impact pad
Name:	<b>Pax</b>	Name Impact pad: <sup>(1)</sup> <b>n/a</b>
Type:	<b>ABS</b>	Impact pad integrated: <sup>(1)</sup> <b>Yes</b>
Size:	<b>unique size</b>	Impact pad type: <b>Airbag</b>
Weight of Sample [kg]:	<b>2.9</b>	Weight of Sample [kg]: <sup>(1)</sup> <b>n/a</b>
Serial number:	<b>2259-13-7019</b>	Serial number: <sup>(1)</sup> <b>n/a</b>
Clip-in weight [kg]:	<b>120</b>	Date of reception: <b>05.09.2016</b>
Integrated container for rescue system:	<b>No</b>	
Volume container [cm <sup>3</sup> ]:		<b>n/a max</b> <b>n/a min</b>
Date of reception:	<b>24.11.2017</b>	

Test report summary	Structual test	Impact pad test
Result	<b>POSITIVE</b>	<b>POSITIVE</b>
Place	<b>Villeneuve</b>	<b>Villeneuve</b>
Date	<b>24.11.2017</b>	<b>05.09.2016</b>

Test done on PH\_164.2016

### Issue data

Place of declaration: **Villeneuve**  
 Date of issue: **13.12.2018**  
 Managing Director: **Alain Zoller**  
 Signature: 

This signature approve the validity of the test reports if available; no. 94.21 (test id R0,R2,R6,R8,R9,R10,RRDT,RRST) and no. 94.22 (test id: P1,P2,PR1,PR2)

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

European Standard **EN1651 :1999**, and **EN12491:2015 chapter 5.3.2** - Airworthiness Requirements **LTF NFL II 91/09 chapter 4.2.1, 5, 6.1.5 and 6.1.8**

<sup>(1)</sup> If Impact pad is NOT integrated in the harness, it will have independently Inspection number, and serial number. Definition of integrated impact pad is impact pad which can not be dismantled from the harness, e.g. airbag.

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 certificate contain the following test and is complet with the test, if available, report: 94.21 and 94.22



## Paragliding Harness

Inspection number : **PH\_214.2017**  
Manufacturer : **Sky Paragliders**  
Model and size : **Pax unique size**  
Maximum pilot weight [kg] : **120**  
Integrated container for rescue system: **No**  
If Yes. Volume of the container [cm<sup>3</sup>] : **n/a min n/a max**  
Serial number: \_\_\_\_\_  
Production date (year / month) : \_\_\_\_\_

## Harness protector (impact pad)

Impact pad type: **Airbag**  
Impact pad integrated: **Yes**  
Impact pad number: **PH\_IP\_164.2016**  
If not integrated : Manufacturer ..... Serial number: .....  
Production date (year / month) : \_\_\_\_\_

**Warning : Read the operating manual before using this equipment!**

A sample has been tested and certifies its conformity with the following standard: **EN1651:1999, EN12491:2015 and LTF Nfl II 91/09 chapter 4 and 6**. This model corresponds with the tested sample and its airworthiness.

# Harness Structural test Report

Inspection certificate number: **PH\_214.2017**
**Manufacturer data:**

Manufacturer name: **Sky Paragliders**  
 Representative: **Nemec Martin**  
 Street: **Okruzni 39**  
 Post code place: **73911 Frydlant N.C.**  
 Country: **Czech Republic**

**Sample data:**

Name: **Pax**  
 Type: **ABS**  
 Size: **unique size**  
 Serial number: **2259-13-7019**  
 Impact pad type: <sup>(1)</sup> **Airbag**  
 Clip-in weight [kg]: **120**

Date of test: **24.11.2017**
**Atmosphere AGL:**

[C°]	<b>22.3</b>
RH [%]	<b>39</b>
[hPa]	<b>1018</b>

**Summary of Structural test**

Test id	- EN 1651	Setup	Req. Load [g]	Req. Load [N]	Min. duration [s]	Result
R0	✓ 5.3.2.1	Default flying position	6	7200	10	<b>POSITIVE</b>
R2	✓ 5.3.2.2	Default flying position	15	18000	5	<b>POSITIVE</b>
R4	✓ 5.3.2.7	Flying position before landing	15	18000	5	<b>POSITIVE</b>
R6	5.3.2.4	Rescue attachments	15	18000	5	<b>n/a</b>
R8	✓ 5.3.2.3	Asymmetric, one riser	6	7200	10	<b>POSITIVE</b>
R9	5.3.2.5	Towing	5	6000	10	<b>n/a</b>
R10	✓ 5.3.2.6	Asymmetric, negative	4.5	5400	10	<b>POSITIVE</b>

**Rescue deployment test**

Test id	- NfL II 91/09	Setup	Min load [N]	Max. load [N]	Measured [N]	Result
RRDT	6.1.5	Default flying position	20	70	<b>0.00</b>	<b>n/a</b>

**Rescue Deployment Handle strength test**

Test id	- EN 12491	Setup	Req. Load [N]	Min. duration [s]	Breaking strength [N]	Result
RRST	5.3.2	Two end points of handle	700	10	<b>0.00</b>	<b>n/a</b>

Manufacture	Instrument	Type no	S/N	Validity Calibration
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	14.10.2019
Burster	Sensor Burster	8431-10000	1185483	01.06.2020
JDC elec	Geos n°11 Skywatch	Geos n°11	22	08.05.2019

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

<sup>(1)</sup> If Impact pad available, see test report no. 94.22 and inspection certificate no. 94.20

Calculated value 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%.

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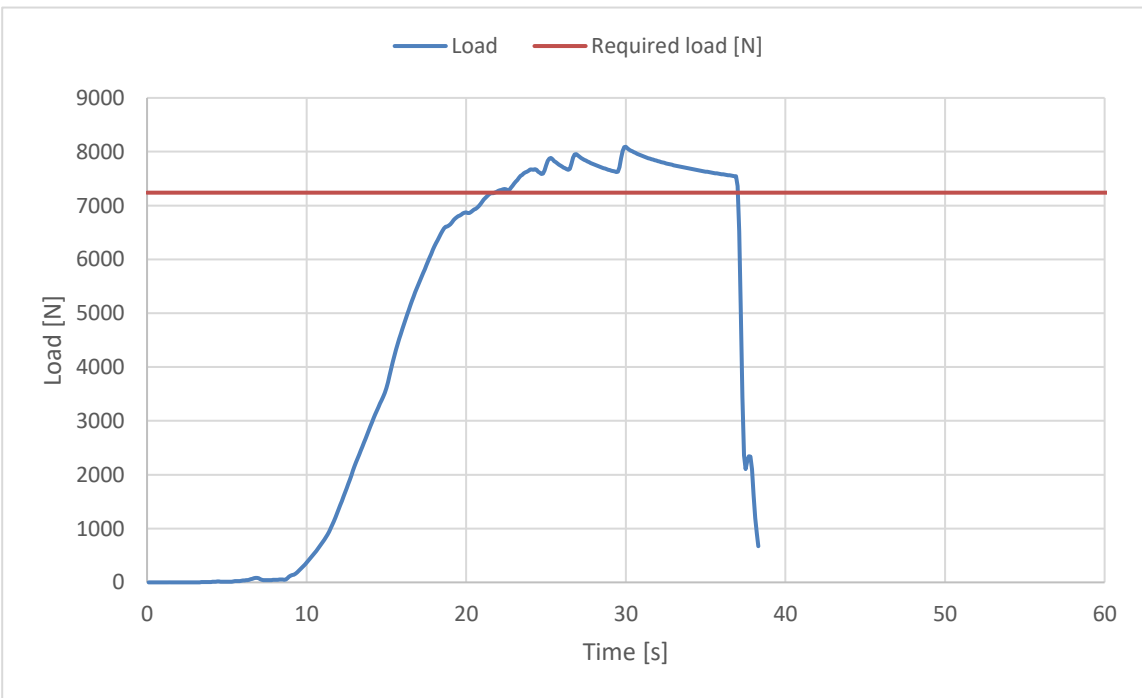
Inspection certificate number: **PH\_214.2017**

model: **Pax unique size**

**Harness Structural test**

**Test ID R0**

Standard	<b>EN 1651:1999</b>	
Reference in standard	<b>5.3.2.1</b>	
Test setup	<b>Default flying position</b>	
Attachment points	<b>Both main riser attachment (3,4)</b>	
Anchor points	<b>Dummy (B1, B2)</b>	
Required load [g]	<b>6</b>	
Required load [N]	<b>7200</b>	
Minimum test duration [s]	<b>10</b>	
<b>Result</b>		
Test duration [s]	<b>15.2</b>	
Any signs of structural failure	<b>No</b>	
Test results	<b>POSITIVE</b>	



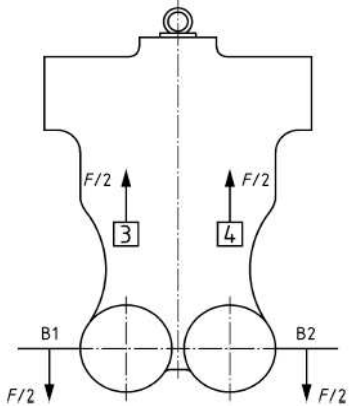
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

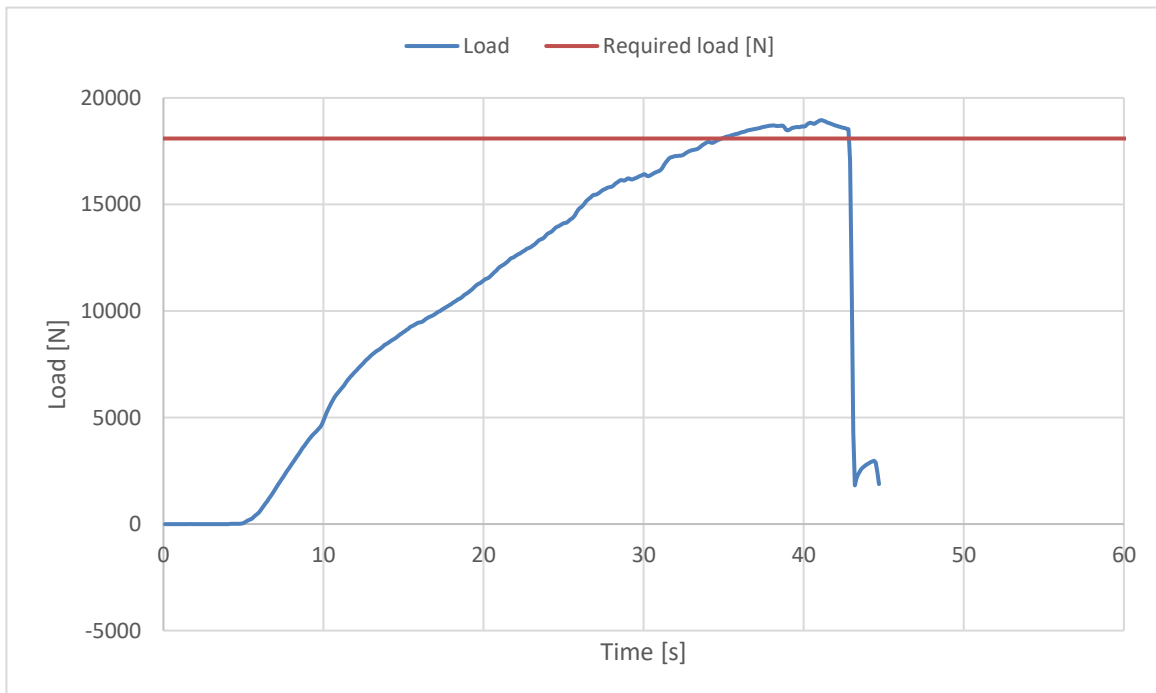
Inspection certificate number: **PH\_214.2017**

model: **Pax unique size**

**Harness Structural test**

**Test ID R2**

Standard	<b>EN 1651:1999</b>	
Reference in standard	<b>5.3.2.2</b>	
Test setup	<b>Default flying position</b>	
Attachment points	<b>Both main riser attachment (3,4)</b>	
Anchor points	<b>Dummy (B1, B2)</b>	
Required load [g]	<b>15</b>	
Required load [N]	<b>18000</b>	
Minimum test duration [s]	<b>5</b>	
<b>Result</b>		
Test duration [s]	<b>8</b>	
Any signs of structural failure	<b>No</b>	
Test results	<b>POSITIVE</b>	



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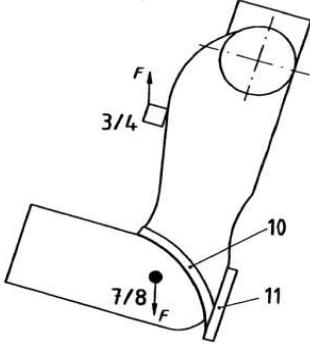
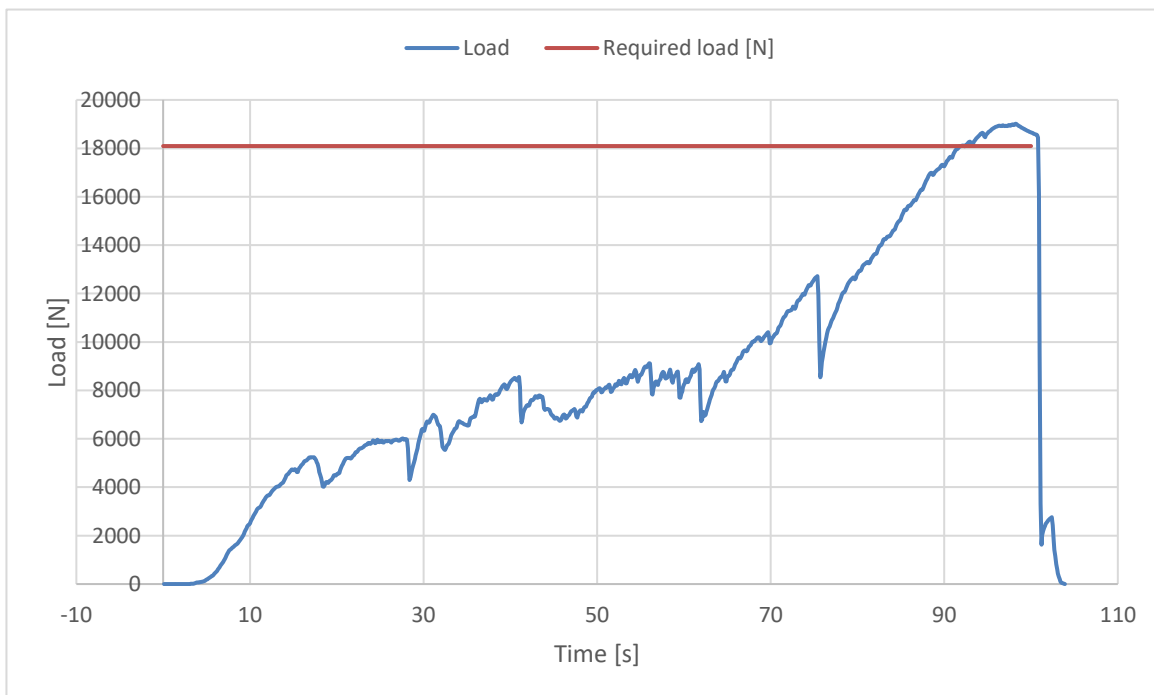
Inspection certificate number: **PH\_214.2017**

model: **Pax unique size**

**Harness Structural test**

**Test ID R4**

Standard	<b>EN 1651:1999</b>
Reference in standard	<b>5.3.2.7</b>
Test setup	<b>Flying position before landing</b>
Attachment points	<b>Both main riser attachment (3,4)</b>
Anchor points	<b>Dummy (7,8)</b>
Required load [g]	<b>15</b>
Required load [N]	<b>18000</b>
Minimum test duration [s]	<b>5</b>
<b>Result</b>	
Test duration [s]	<b>8.4</b>
Any signs of structural failure	<b>No</b>
Test results	<b>POSITIVE</b>

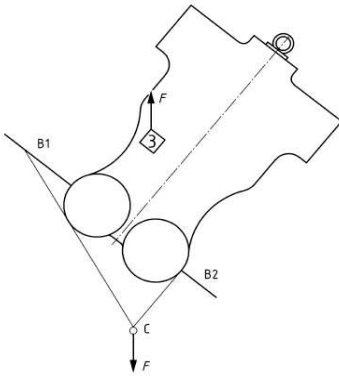
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

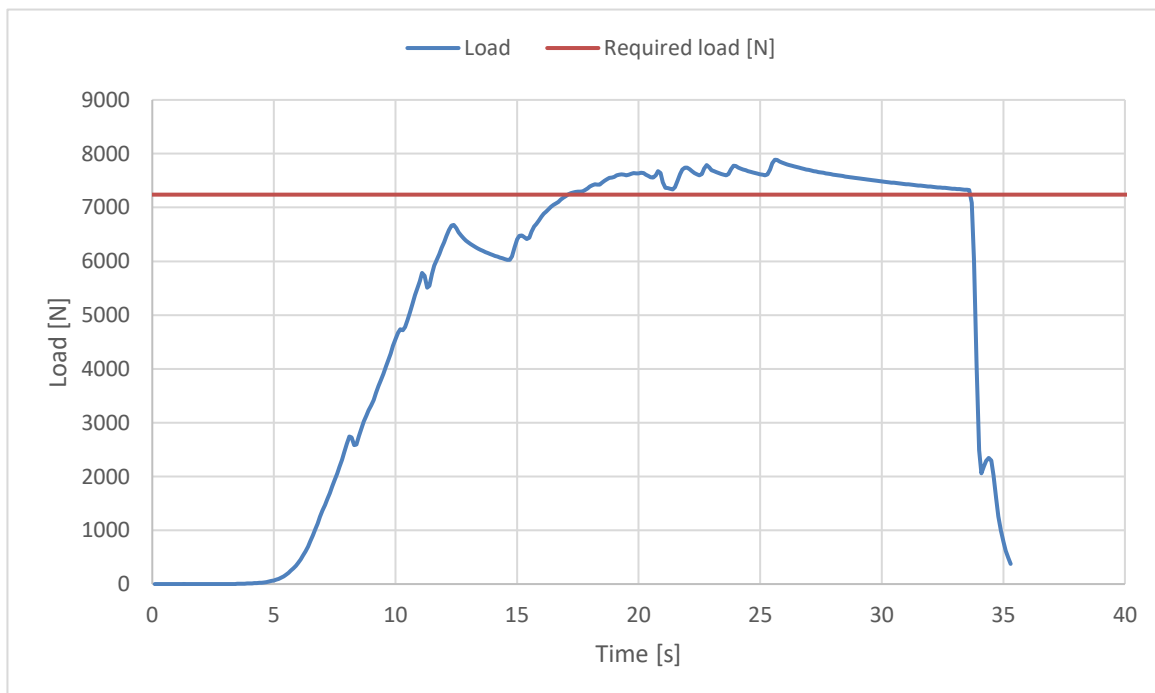
Inspection certificate number: **PH\_214.2017**

model: **Pax unique size**

**Harness Structural test**

**Test ID R8**

Standard	<b>EN 1651:1999</b>	
Reference in standard	<b>5.3.2.3</b>	
Test setup	<b>Asymmetric, one riser</b>	
Attachment points	<b>One main riser attachment (3)</b>	
Anchor points	<b>Dummy (B1,B2)</b>	
Required load [g]	<b>6</b>	
Required load [N]	<b>7200</b>	
Minimum test duration [s]	<b>10</b>	
<b>Result</b>		
Test duration [s]	<b>16.6</b>	
Any signs of structural failure	<b>No</b>	
Test results	<b>POSITIVE</b>	



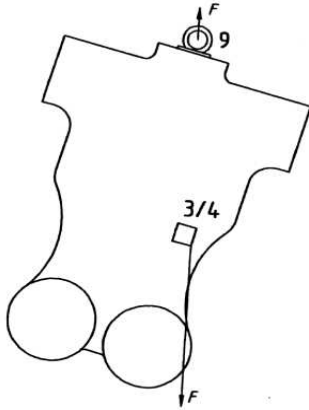
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

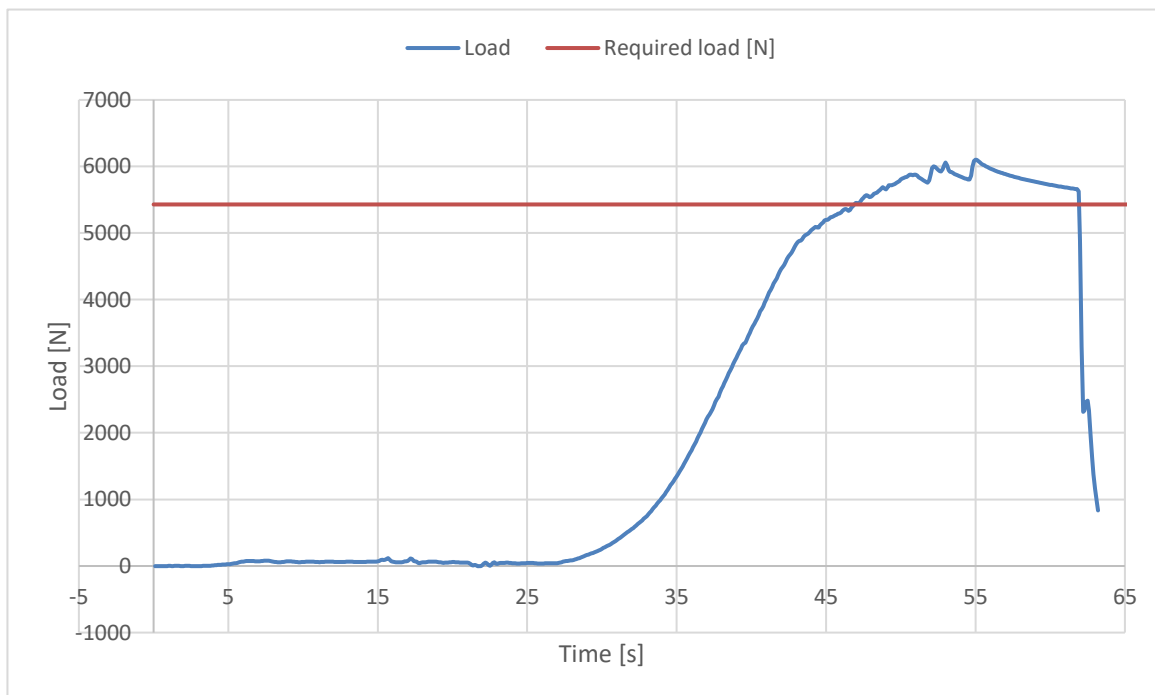
Inspection certificate number: **PH\_214.2017**

model: **Pax unique size**

**Harness Structural test**

**Test ID R10**

Standard	<b>EN 1651:1999</b>	
Reference in standard	<b>5.3.2.6</b>	
Test setup	<b>Asymmetric, negative</b>	
Attachment points	<b>One main riser attachment (3 or 4) downwards</b>	
Anchor points	<b>Dummy (9)</b>	
Required load [g]	<b>4.5</b>	
Required load [N]	<b>5400</b>	
Minimum test duration [s]	<b>10</b>	
<b>Result</b>		
Test duration [s]	<b>15.1</b>	
Any signs of structural failure	<b>No</b>	
Test results	<b>POSITIVE</b>	



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