AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Comte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Harness Structural test Report

Inspection certificate number: **PH_241.2018**

Manufacturer data:

Manufacturer name:	**Xtreme Paragliding**
Representative:	**Mehmet Ünlü**
Street:	**Malazgirt Mahallesi 992 Solak**
Post code place:	**9/9 Dikmen Çankaya - Ankara**
Country:	**Turkey**

Sample data:

Name:	**KURSI light**
Type:	**ABS**
Size:	**L**
Serial number:	**XLH062018001**
Impact pad type: (1)	**n/a**
Clip-in weight [kg]:	**110**
Date of test:	**30.07.2018**

Atmosphere AGL:

[C°]	**27**
RH [%]	**53**
[hPa]	**971.9**

Summary of Structural test

Test id	-	EN 1651	Setup	Req. Load [g]	Req. Load [N]	Min. duration [s]	Result
R0	V	5.3.2.1	Default flying position	6	6600	10	**POSITIVE**
R2	V	5.3.2.2	Default flying position	15	16500	5	**POSITIVE**
R4	V	5.3.2.7	Flying position before landing	15	16500	5	**POSITIVE**
R6		5.3.2.4	Rescue attachments	15	16500	5	**n/a**
R8	V	5.3.2.3	Asymmetric, one riser	6	6600	10	**POSITIVE**
R9		5.3.2.5	Towing	5	5500	10	**n/a**
R10	V	5.3.2.6	Asymmetric, negative	4.5	4950	10	**POSITIVE**

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	**0.00**	**n/a**

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	**0.00**	**n/a**

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

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

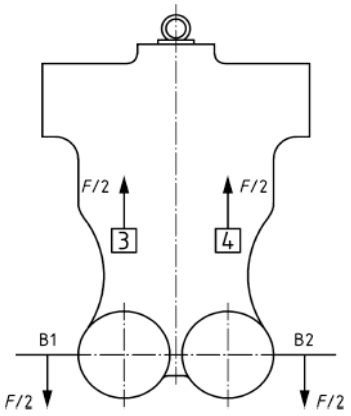
Calculated value in tests reports include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The value of the measurand lies within the assigned range of values with a probability of 95%.

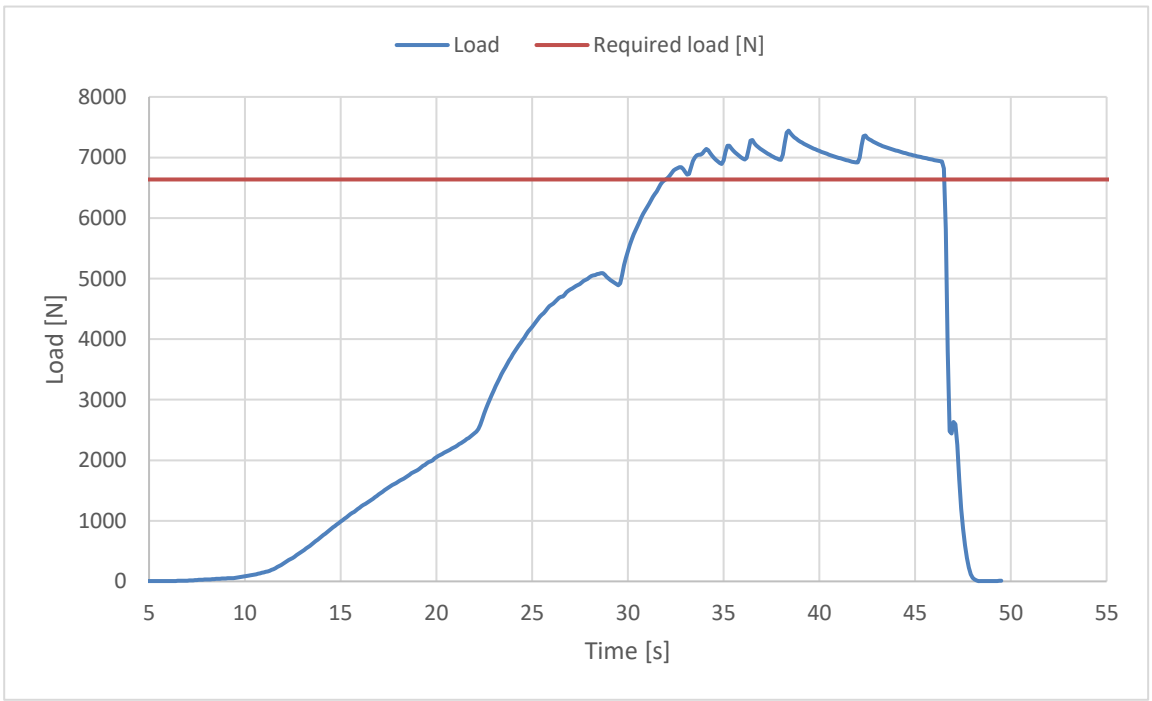
This declaration must not be reproduced in part without the written permission of AIR TURQUOISE SA.

Inspection certificate number: **PH_241.2018** model: **KURSI light L**

Harness Structural test **Test ID R0**

Standard	**EN 1651:1999**
Reference in standard	**5.3.2.1**
Test setup	**Default flying position**
Attachment points	**Both main riser attachment (3,4)**
Anchor points	**Dummy (B1, B2)**
Required load [g]	**6**
Required load [N]	**6600**
Minimum test duration [s]	**10**
Result	
Test duration [s]	**14.6**
Any signs of structural failure	**No**
Test results	**POSITIVE**



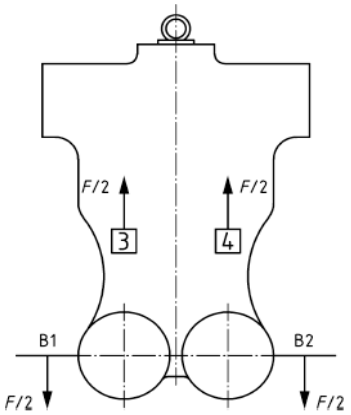


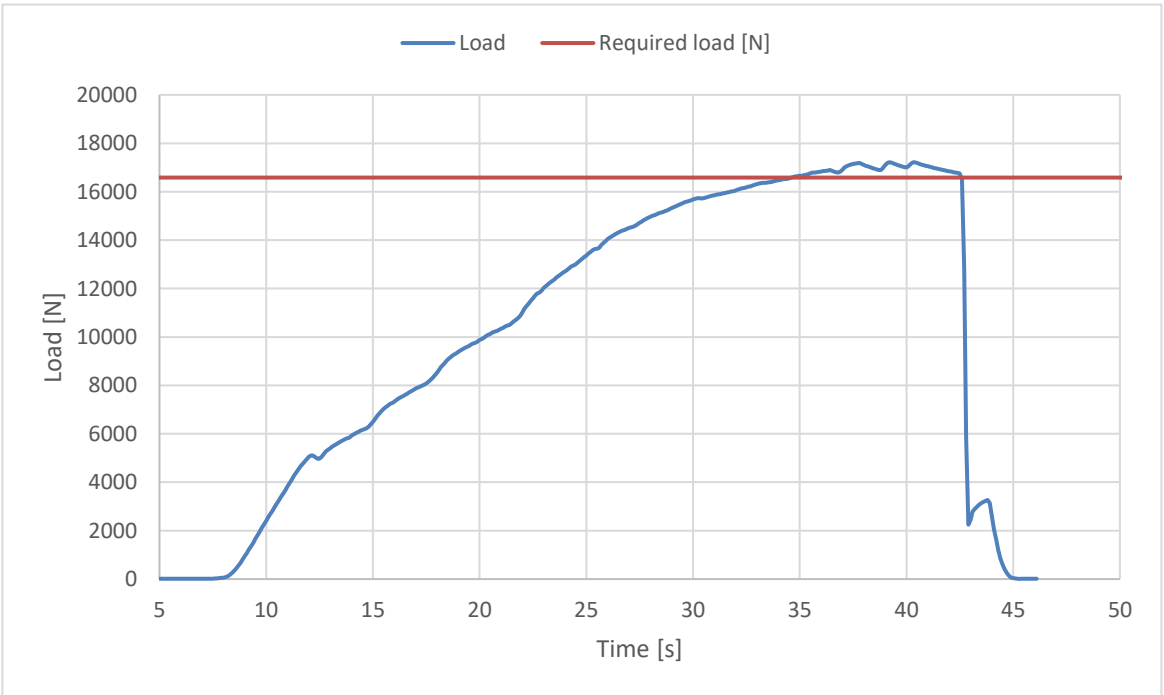
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

Inspection certificate number: **PH_241.2018** model: **KURSI light L**

Harness Structural test **Test ID R2**

Standard	**EN 1651:1999**
Reference in standard	**5.3.2.2**
Test setup	**Default flying position**
Attachment points	**Both main riser attachment (3,4)**
Anchor points	**Dummy (B1, B2)**
Required load [g]	**15**
Required load [N]	**16500**
Minimum test duration [s]	**5**
Result	
Test duration [s]	**7.9**
Any signs of structural failure	**No**
Test results	**POSITIVE**



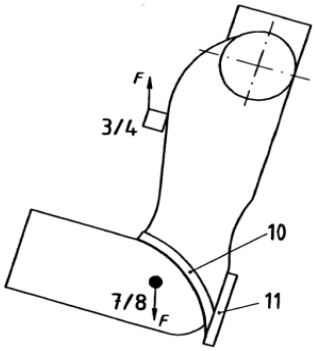


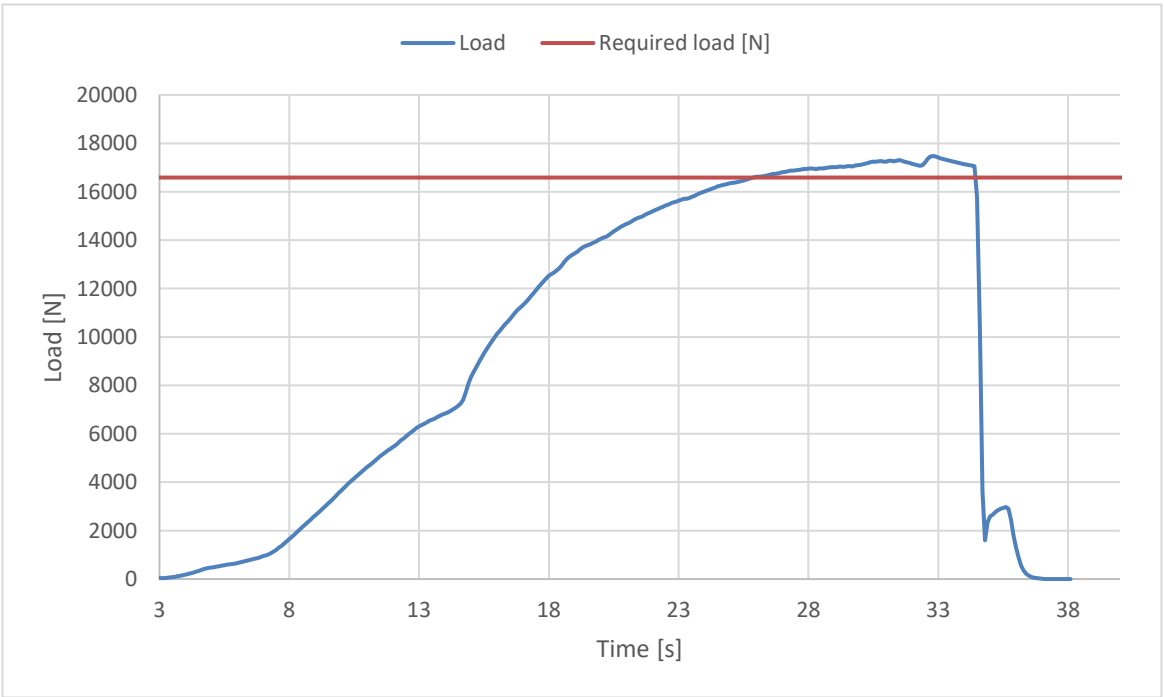
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

Inspection certificate number: **PH_241.2018** model: **KURSI light L**

Harness Structural test **Test ID R4**

Standard	**EN 1651:1999**
Reference in standard	**5.3.2.7**
Test setup	**Flying position before landing**
Attachment points	**Both main riser attachment (3,4)**
Anchor points	**Dummy (7,8)**
Required load [g]	**15**
Required load [N]	**16500**
Minimum test duration [s]	**5**
Result	
Test duration [s]	**8.6**
Any signs of structural failure	**No**
Test results	**POSITIVE**



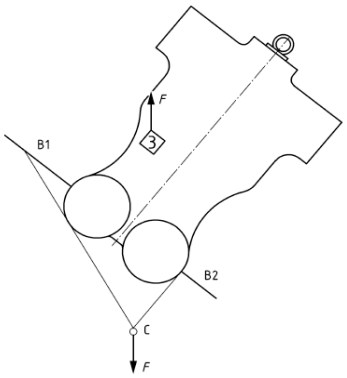


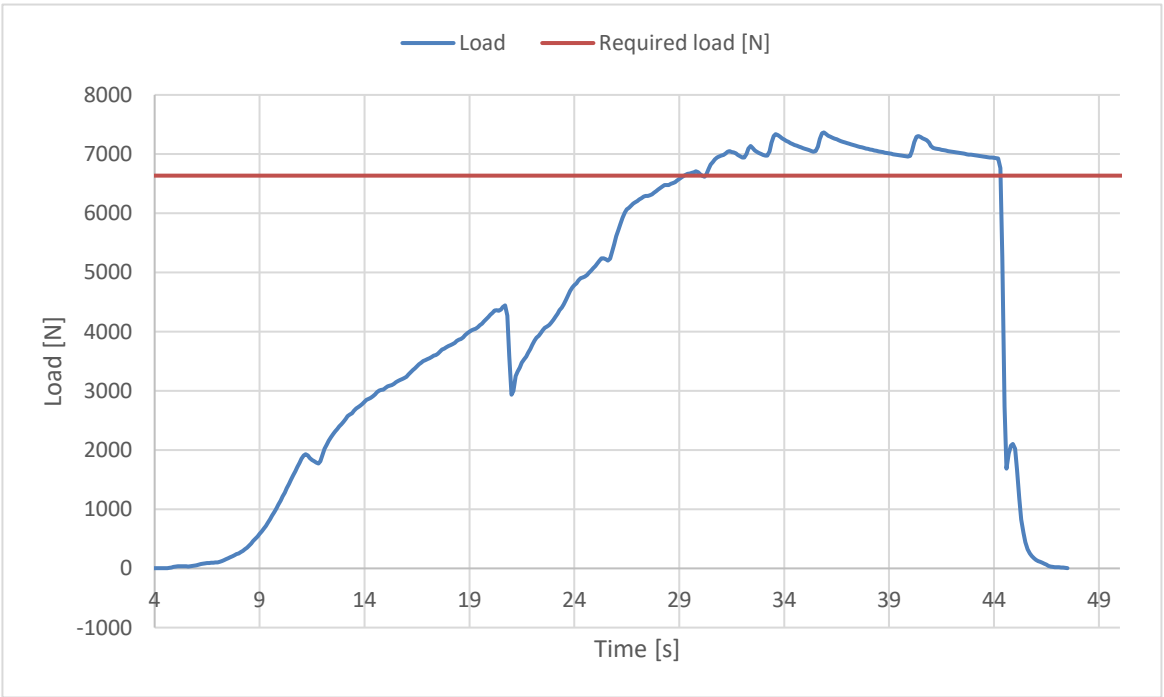
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

Inspection certificate number: **PH_241.2018** model: **KURSI light L**

Harness Structural test **Test ID R8**

Standard	**EN 1651:1999**
Reference in standard	**5.3.2.3**
Test setup	**Asymmetric, one riser**
Attachment points	**One main riser attachment (3)**
Anchor points	**Dummy (B1,B2)**
Required load [g]	**6**
Required load [N]	**6600**
Minimum test duration [s]	**10**
Result	
Test duration [s]	**14.1**
Any signs of structural failure	**No**
Test results	**POSITIVE**



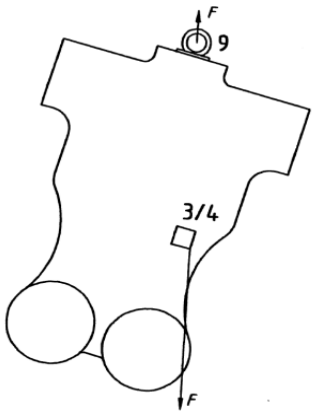


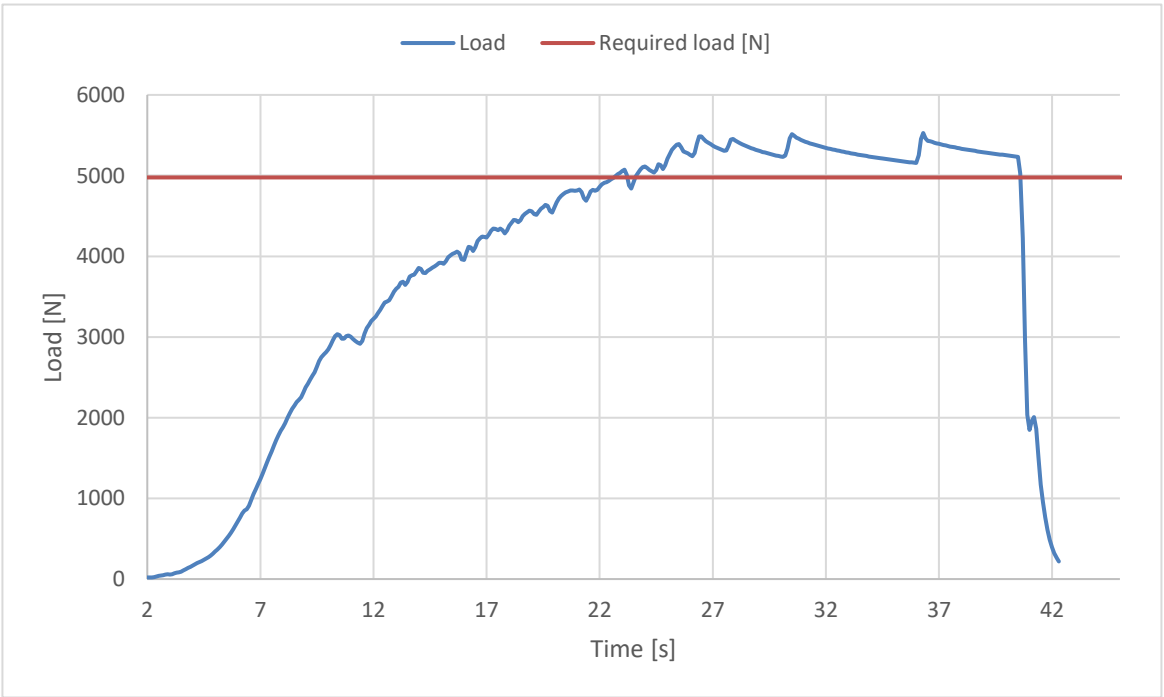
The validation of this test report is given by the signature of the test manager on the Inspection Certificate no 94.20

Inspection certificate number: **PH_241.2018** model: **KURSI light L**

Harness Structural test **Test ID R10**

Standard	**EN 1651:1999**
Reference in standard	**5.3.2.6**
Test setup	**Asymmetric, negative**
Attachment points	**One main riser attachment (3 or 4) downwards**
Anchor points	**Dummy (9)**
Required load [g]	**4.5**
Required load [N]	**4950**
Minimum test duration [s]	**10**
Result	
Test duration [s]	**17.1**
Any signs of structural failure	**No**
Test results	**POSITIVE**





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