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

PG PARAGLIDERS

INSPECTION CERTIFICATE

Inspection certificate number: **PG_976.2015**

MANUFACTURER DATA

Manufacturer name:	**Niviuk Gliders**
Representative	**Dominique Cizeau**
Street:	**C. Del Ter, 6-Nave D**
Post code / place:	**17165 La Cellera de Ter Girona**
Country:	**Spain**

SAMPLE DATA

Name:	**Koyot 3**	Size:	**26**
Min weight in flight [kg]:	**75**	Max weight in flight [kg]:	**95**
Flight serial number :	**Koyot 3 17-26**	Load serial number:	**Koyot3 12-26**
Weight [kg]:	**4.92**		

TEST REPORT SUMMARY		RESULTS	PLACE	DATE
PG 1	71.8.1 | SHOCK LOAD TEST:	**POSITIVE**	Yverdon(airport)	**30.12.2015**
PG 2	71.8.1 | SUSTAINED LOAD TEST:	**POSITIVE**	Yverdon(airport)	**30.12.2015**
PG 3	71.8.2 | FLIGHT TEST:	**A**	Villeneuve	**07.03.2016**
PG 4	71.4.3 | MEASUREMENT:	**POSITIVE**	Villeneuve	**03.03.2016**
PG 5	71.6.3 | LINE BREAK STRENGTH:	**POSITIVE**	Villeneuve	**26.01.2016**

ISSUE DATA

Place of declaration:	**Villeneuve**
Date of issue:	**29.03.2016**
Director management :	**Alain Zoller**

Signature:

This signature aprouve the validity of the test reports PG 1 to PG 5 (Only if test report are applicable).

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

EN 926-2:2013 / EN 926-1:2015 / LTF: NFL II 91/09 / 2-60-14 / 2-251-16

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 complete with the test report number:
71.8.1 | PG1, PG2, 71.8.2 | PG3, 71.4.3 | PG4, 71.6.3 | PG5
(71.8.1 | PG1 and PG2, 71.8.2 are done for one size only, ref. to the size tested for strength)

SHOCK LOADING TEST

TEST REPORT PG 1

PG PARAGLIDERS

Test report ref. number: **PG_976.2015**

SAMPLE DATA

Manufacturer name:	**Niviuk Gliders**
Representative	**Dominique Cizeau**
Street:	**C. Del Ter, 6-Nave D**
Post code / place:	**17165 La Cellera de Ter Girona**
Country:	**Spain**

SAMPLE DATA

Name:	**Koyot 3**
Size:	**26**
Maximum load [kg]:	**95**
Serial number:	**Koyot3 12-26**
Date of reception:	**29.12.2015**

TEST DATA

Directive:	**EN 926-1:2015 chapter 4.4 | LTF NFL II-91/09 chapter 3**
Place of test:	**Yverdon(airport)**
Date of test:	**30.12.2015**
Results:	**POSITIVE**
Inspector:	**Alain Zoller**

The paraglider is subjected to a shock load . Shock load is limited using a weak link accordind weight range.
The weak link breaks or 5 s has elapsed since the application of the shock load.
The wing is then visually inspected for damage.

TEST RESULTS:		TEST ATMOSPHERE AGL	
Weak link used [daN]:	**1000**	[C°]	**1.2**
Visual inspection:	**No visible damages**	RH [%]	**79**
		[hPa]	**981.6**
Uncertainty k=2 [%]	**10**	Wind [m/s]	**0.1**

Weak link value include the uncertainty for weight range test values (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%.

WEAK LINK

INSTRUMENTS	Validity	Manufacturer	s/n
Weak link	2020	Tost	n/a
Cable	2020	Rotex	n/a
Geos n° 11 Skywatch	08.05.2017	JDC elec.	22

The validation of this test report is given by the signature of the test manager on inspection certificate 71.8.1

SUSTAINED LOADING TEST

TEST REPORT PG 2

PG PARAGLIDERS

Test report ref. number:	**PG_976.2015**
MANUFACTURER DATA	
Manufacturer name:	**Niviuk Gliders**
Representative	**Dominique Cizeau**
Street:	**C. Del Ter, 6-Nave D**
Post code / place:	**17165 La Cellera de Ter Girona**
Country:	**Spain**
SAMPLE DATA	
Name:	**Koyot 3**
Size:	**26**
Maximum load [kg]:	**95**
Serial number:	**Koyot3 12-26**
Date of reception:	**29.12.2015**
TEST DATA	
Directive:	**EN 926-1:2015 chapter 4.5 | LTF NFL II-91/09 chapter 3**
Place of test:	**Yverdon(airport)**
Date of test:	**30.12.2015**
Results:	**POSITIVE**
Inspector:	**Alain Zoller**

The load exceeds a mean load factor of eight times the maximum total weight in flight recommended by the manufacturer, for a minimum continuous duration of 3 s or five peaks are obtained above ten times the maximum total weight in flight recommended by the manufacturer, in one run. The paragliders is connected to a load sensor which connected to a test vehicule. The load is inscreased with the speed of the test vehicule.

TEST ATMOSPHERE AGL	
[C°]	**1.2**
RH [%]	**79**
[hPa]	**981.6**
Wind [m/s]	**0.1**
RESULTS	
Required breaking strength value [N]	**7455.60**
Required breaking strength value at coef. 0.9 [N]	**6710.04**
Uncertainty K=2 [%]	**0.5**
Calculed duration of required breaking strength value [s]	**18.18**
Calculed max load value with 3 sec or five peaks [kg]	**159.6**

Calculed value 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%.

The validation of this test report is given by the signature of the test manager on inspection certificate 71.8.1

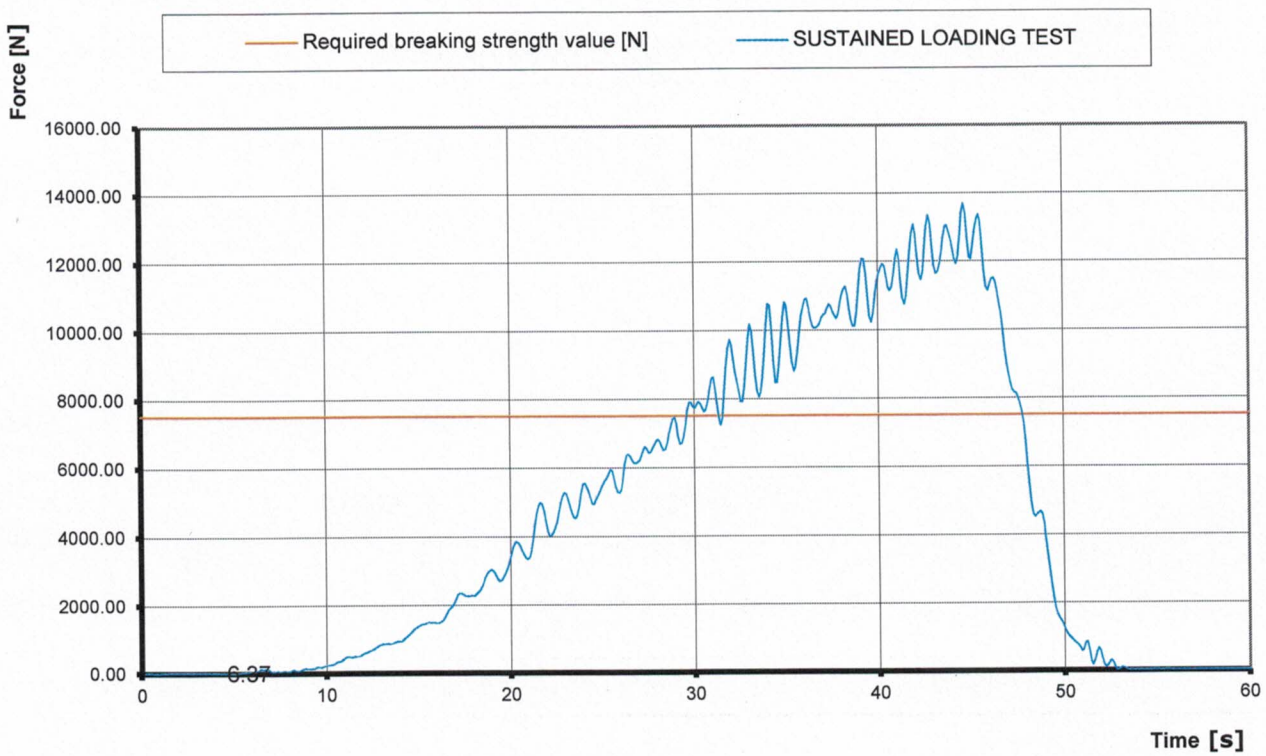
SUSTAINED LOADING TEST

TEST REPORT PG 2

PG PARAGLIDERS

Test report ref. number: **PG_976.2015**

GRAPHIQUE LOAD



Instruments	Manufacturer	Type nr.	S/N
Load sensor	HBM	1-S9M/50KN-1	31314652
Geos n°11 Skywatch	JDC	Geos n° 11	0022

The validation of this test report is given by the signature of the test manager on inspection certificate 71.8.1