

**PG PARAGLIDERS****INSPECTION CERTIFICATE**Inspection report number: **PG\_1021.2016****MANUFACTURER DATA**

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

**SAMPLE DATA**

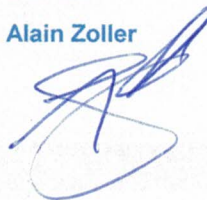
Name: **Apollo** Size: **XL**  
 Min weight in flight [kg]: **99** Max weight in flight [kg]: **125**  
 Weight [kg]: **n/a** Use: **Single-seater**  
 Load serial number: **2056-11-0996** Date of reception: **16.10.2016**  
 Flight serial number : **2152-11-0639** Date of reception: **01.03.2016**

	TEST REPORT:	RESULTS	INSPECTOF	PLACE	DATE
PG 1	71.8.1   SHOCK LOAD TEST:	<b>POSITIVE</b>		Yverdon(airport)	16.10.2015
PG 2	71.8.1   SUSTAINED LOAD TEST:	<b>POSITIVE</b>		Yverdon(airport)	16.10.2015
PG 3	71.8.2   FLIGHT TEST:	<b>B</b>		Villeneuve	11.04.2016
PG 4	71.4.3   MEASUREMENT:	<b>POSITIVE</b>		Villeneuve	14.04.2016
PG 5	71.6.3   LINE BREAKING STRENGTH:	<b>POSITIVE</b>		Villeneuve	26.04.2016

**ISSUE DATA**

Place of declaration: **Villeneuve**  
 Date of issue: **29.04.2016**  
 Director management : **Alain Zoller**

Signature:



This signature approve 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 926-1:2006 / LTF: NFL II 91/09**

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)

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# Shock test

PG PARAGLIDERS

## TEST REPORT PG 1

Inspection report number: **PG\_1021.2016**

### SAMPLE DATA

Manufacturer name: **Sky Paragliders**  
 Representative: **Nemec Martin**  
 Street: **Okruzni 39**  
 Post code / place: **73911 Frydlant N.C.**  
 Country: **Czech Republic**  
 Gliders Manufacturers name: **Apollo**  
 Gliders Manufacturers Size: **XL**  
 Gliders Manufacturers max load (kg): **125**  
 Gliders Manufacturers serial number: **2056-11-0996**  
 Date of sample reception: **16.10.2016**  
 Directive: **EN 926-1:2006 | LTF NFL II-91/09 chapter 3**  
 Place of inspection: **Yverdon(airport)**  
 Date inspection: **16.10.2015**

Results: **POSITIVE**

Inspector: **Alain Zoller**

Signature:

The paraglider is subjected to a shock load using procedure A (EN 926-1/2006). Shock load is limited using a wink link accordind weight range. The wing is then visually inspected for damage.

### TEST ATMOSPHERE AGL

[C°] **29.04.2016**  
 RH [%] **79**  
 [hPa] **965.6**  
 Wind [m/s] **0.1**

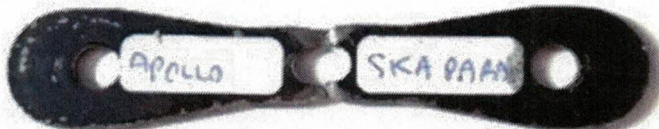
### RESULTS:

Weak link [daN]: **1000**  
 Uncertainty [%] **10**  
 Visual inspection: **No visible damages**

### INSTRUMENTS

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

### WEAK LINK



# Sustained loading test

PG PARAGLIDERS

## TEST REPORT PG 2

Inspection report number: PG\_1021.2016

### SAMPLE DATA

Manufacturer name: Sky Paragliders  
 Representative: Nemeč Martin  
 Street: Okružni 39  
 Post code / place: 73911 Frydlant N.C.  
 Country: Czech Republic  
 Gliders Manufacturers name: Apollo  
 Gliders Manufacturers Size: XL  
 Gliders Manufacturers max load (kg): 125  
 Gliders Manufacturers serial number: 2056-11-0996  
 Date of sample reception: 16.10.2015  
 Directive: EN 926-1:2006 | LTF NFL II-91/09 chapter 3  
 Place of inspection: Yverdon(airport)  
 Date inspection: 16.10.2015  
 Results: **POSITIVE**  
 Inspector: Alain Zoller

Signature:



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 loa sensor which connected to a test vehicle. The load is increased with the speed of the test vehicle an inflated wing.

29.04.2016

### TEST ATMOSPHERE AGL

[C°] 5  
 RH [%] 79  
 [hPa] 965.6  
 Wind [m/s] 0.1

### RESULTS [daN]

Required breaking strength during 3 secondes 1243.50  
 Uncertainty 95 [%] 39.5  
 Test STRENGTH min 3 [s] 15.86  
 Maximum load in kg 153.47

# Sustained loading test

PG PARAGLIDERS

## TEST REPORT PG 2

Inspection report number: PG\_1021.2016

INSTRUMENTS	Validity	Manufacturer	S/N
Shear loadcell "Lastmessschäkel"	01.12.2016	Althen	20562
Signal Amplifier "DMS-Messverstärker"	01.12.2016	Althen	4310M41
Data Aquisition "DAQMX"	01.12.2016	National instruments	15578F0
Geos n° 11 Skywatch	08.05.2017	JDC elec.	22

### GRAPHIQUE LOAD

