



## PG PARAGLIDERS

### INSPECTION REPORT

Inspection report number: **PG\_954.2015**

#### MANUFACTURER DATA

Manufacturer name: **777 Jadralna padala d.o.o.**  
Representative: **Aljaz Valic**  
Street: **Ulica Ane Zihelove 10**  
Post code / place: **1000 Ljubljana**  
Country: **Slovenia**

#### SAMPLE DATA

Name: **Rook 2** Size: **L**  
Max weight in flight [kg]: **130** Min weight in flight [kg]: **110**  
Flight serial number : **R2-L-G-0185-130315** Load serial number: **R2-L-L-0259-180515**  
Weight [kg]: **6.4**

| TEST REPORT:                     | RESULTS         | INSPECTOR | PLACE            | DATE              |
|----------------------------------|-----------------|-----------|------------------|-------------------|
| 71.8.2   FLIGHT TEST:            | <b>B</b>        | CT AZ     | Villeneuve       | <b>30.12.2015</b> |
| 71.8.1   SHOCK LOAD TEST:        | <b>POSITIVE</b> | AZ        | Yverdon(airport) | <b>08.05.2015</b> |
| 71.8.1   SUSTAINED LOAD TEST:    | <b>POSITIVE</b> | AZ        | Yverdon(airport) | <b>06.01.2016</b> |
| 71.4.3   MEASUREMENT:            | <b>POSITIVE</b> | CT        | Villeneuve       | <b>18.02.2016</b> |
| 71.6.3   LINE BREAKING STRENGTH: | <b>POSITIVE</b> | AZ        | Villeneuve       | <b>23.02.2016</b> |

#### ISSUE DATA

Place of declaration: **Villeneuve**  
Date of issue: **23.02.2016**  
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:

**EN 926-2:2013 & EN 926-1:2006 and LTF | NFL II 91/09 chapter 3 Paraglider and Appendix 1 and 2**

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 number:  
71.8.1 | PG1, PG2, 71.8.2 | FLIGHT TEST REPORT, 71.4.3 | PG MEASUREMENT  
and 71.6.3 | PG LINE BREAKING STRENGHT

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# SHOCK LOAD TEST

## PG PARAGLIDERS

## TEST REPORT PG 1

Inspection report number: **PG\_954.2015**

### SAMPLE DATA

Manufacturer name: **777 Jadrlna padala d.o.o.**  
Representative: **Aljaz Valic**  
Street: **Ulica Ane Zihlove 10**  
Post code / place: **1000 Ljubljana**  
Country: **Slovenia**

### SAMPLE DATA

Name: **Rook 2**  
Size: **L**  
Maximum load [kg]: **130**  
Serial number: **R2-L-L-0259-180515**  
Date of reception: **08.05.2015**

### TEST DATA

Directive: **EN 926-1:2006 | LTF NFL II-91/09 chapter 3**  
Place of inspection: **Yverdon(airport)**  
Date inspection: **08.05.2015**  
Results: **POSITIVE**  
Inspector: **Alain Zoller**

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 RESULTS:

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

### TEST ATMOSPHERE AGL

[C°] **15**  
RH [%] **59**  
[hPa] **975.4**  
Wind [m/s] **0.2**

### WEAK LINK



| 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  |

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# SUSTAINED LOAD TEST

## PG PARAGLIDERS

## TEST REPORT PG 2

Inspection report number: **PG\_954.2015**

### MANUFACTURER DATA

Manufacturer name: **777 Jadrlna padala d.o.o.**  
Representative **Aljaz Valic**  
Street: **Ulica Ane Zihherlove 10**  
Post code / place: **1000 Ljubljana**  
Country: **Slovenia**

### SAMPLE DATA

Name: **Rook 2**  
Size: **L**  
Maximum load [kg]: **130**  
Serial number: **R2-L-L-0259-180515**  
Date of reception: **30.12.2015**

### TEST DATA

Directive: **EN 926-1:2006 | LTF NFL II-91/09 chapter 3**  
Place of test: **Yverdon(airport)**  
Date of test: **06.01.2016**  
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 an inflated wing.

### TEST ATMOSPHERE AGL

[C°] **4**  
RH [%] **80**  
[hPa] **943.3**  
Wind [m/s] **0.2**

### RESULTS [N]

Required breaking strength during 3 secondes **10202.40**  
Uncertainty K2 [%] **0.5**  
Test STRENGTH min 3 [s] **4.98**  
Test STRENGTH max peak **11752.35**  
  
**Maximum load in kg 140.85**

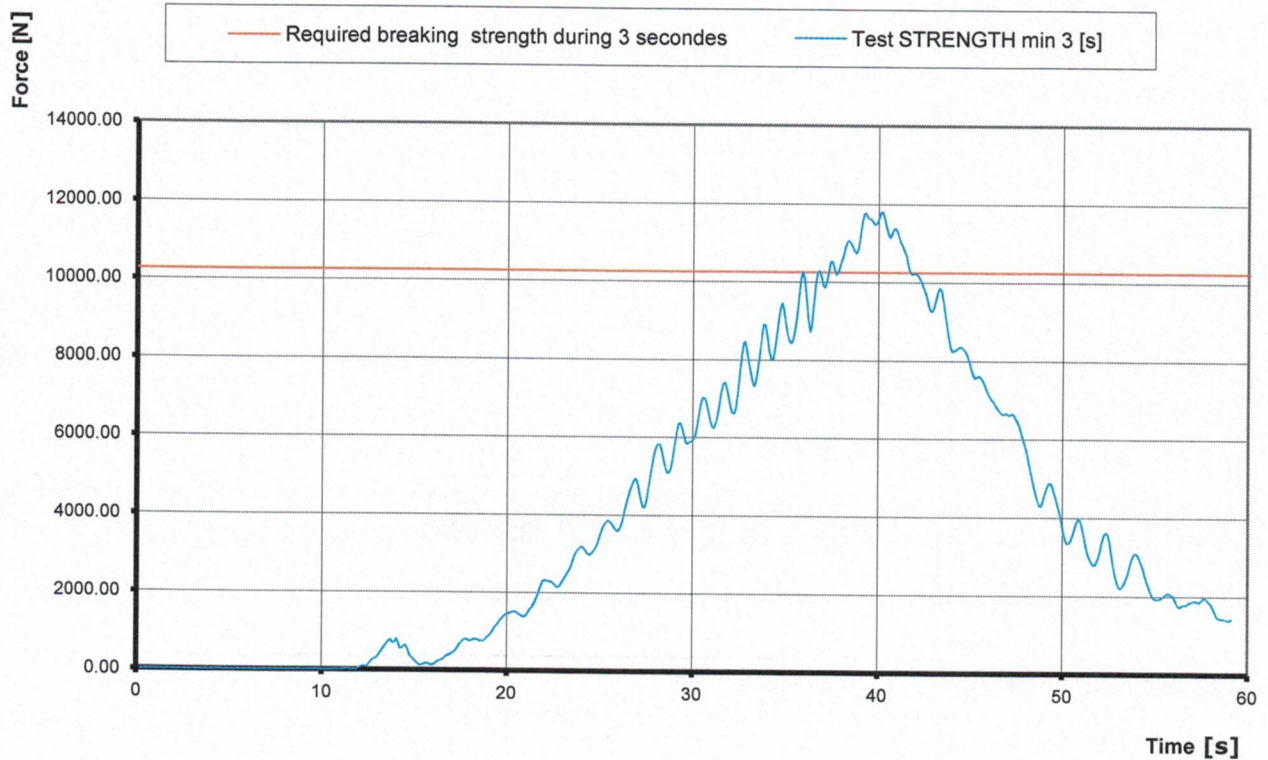
# SUSTAINED LOAD TEST

PG PARAGLIDERS

TEST REPORT PG 2

Inspection report number: PG\_954.2015

## 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     |

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