

# Rescue Pocket Kit

Identification number: **MISC\_292.2024**

**Test Report**

## 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 <sup>(1)</sup>

Name of container: **ARROW P rescue pocket kit**  
 Serial number: **#1124**  
 Volume container [cm<sup>3</sup>]: **3200 max**  
   **1900 min**  
 Date of reception: **03.12.2024**

## Test Data

Place of test: **Villeneuve**  
 Date of test: **03.12.2024**  
 Inspector: **Alexandre Jofres**

## Atmosphere AGL

**20** [°C]  
**42** RH [%]  
**984** [hPa]

## Test summary <sup>(2)</sup>

### Rescue Riser strength test

Test id	- EN 1651	Setup	Req. Load [N]	Min. duration [s]	Duration [s]	Result
RST_R	5.5.1.8	Two end points of the riser	24000	0.3	0.00	n/a

### Rescue Deployment test

Test id	- EN 1651	Setup	Min load [N]	Max. load [N]	Measured [N]	Result
RDT_H	<b>V</b> 5.5.1.11	Default flying position	20	70	55.71	<b>POSITIVE</b>

### Handle strength test

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

Place of declaration: **Villeneuve**  
 Date of issue: **18.12.2024**  
 Managing director: **Andrea Wigger**

Signature:



Manufacturer	Instrument	Type no	S/N	Validity
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	23.08.2028
Burster / MTS	Load sensor 10kN SL2	8431-6010-N000S000	593507	23.08.2028

This signature approves the validity of the test report

**Air Turquoise SA** has thoroughly tested the sample of emergency parachute container mentioned above and certifies its conformity with the following standards:  
**EN 1651:2018+A1:2020<sup>(3)</sup>, EN 12491:2015+A1:2021<sup>(3)</sup> and NfL 2-565-20**

<sup>(1)</sup> Front container (simplified "container"), the extraction handle, and if bridle/riser included in container

<sup>(2)</sup> If riser/bridle is included it is tested end to end with force of 24000N for 0.3 seconds. Rescue employment test between 20-70 N, the maximum peak is measured. The rescue deployment handle strength test a force of 700 N for ten seconds between two ends point. The three test is following 3 different standards.

<sup>(3)</sup> These standards are NOT covered by accreditation D-IS-19457-01

Calculated 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%.

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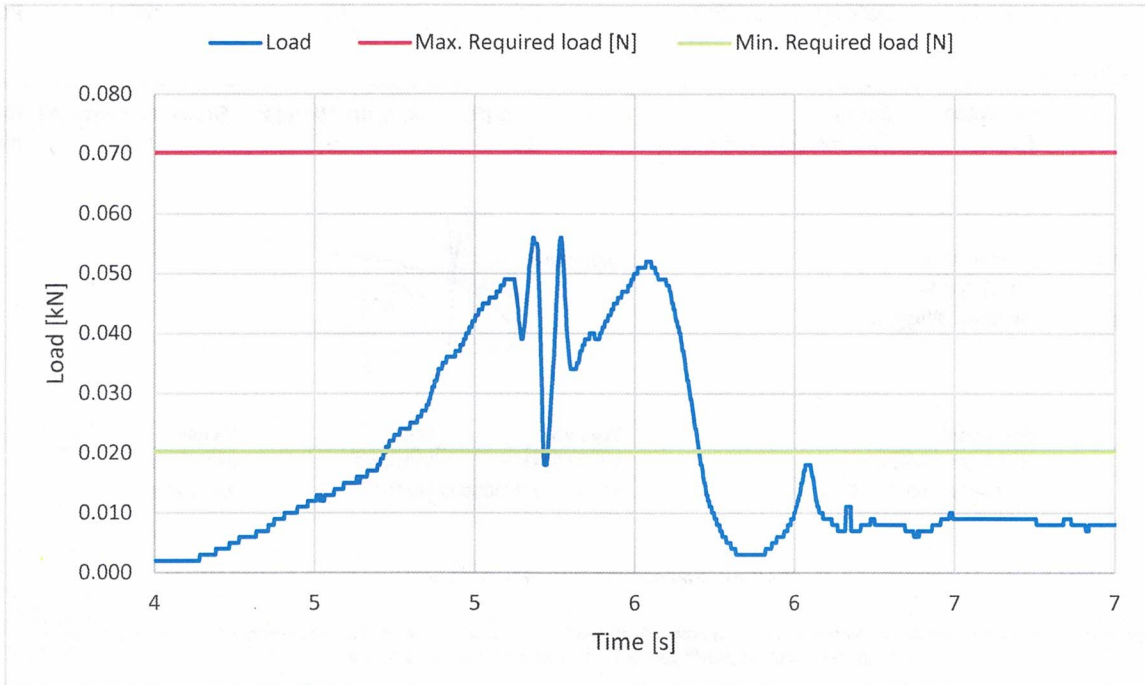
Inspection certificate number: **MISC\_292.2024**

model: **ARROW P rescue pocket kit**

**Rescue Deployment Test**

Test ID **RDT\_H**

Standard	<b>EN 1651</b>
Reference in standard	<b>5.5.1.11</b>
Test setup	<b>Default flying position</b>
Attachment points	<b>Sensor connect to handle, and pull in opening direction</b>
	The test is to simulate the load required to open the emergency parachute(1st action).
Min. Required load [N]	<b>20</b>
Max. Required load [N]	<b>70</b>
<b>Result</b>	
Load for first action [N]	<b>55.71</b>
Test results	<b>POSITIVE</b>



The validation of this test report is given by the signature of the test manager on the first page