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Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes



Paragliding Harness - EN

Inspection number : **PH_317.2020**
Manufacturer : **Niviuk Gliders**
Model and size : **Arrow L**
Maximum pilot weight [kg] : **120**
Integrated container for rescue system: **No**
If Yes. Volume of the container [cm³] : **2'000 min 10'000 max**
Serial number: _____
Production date (year / month) : _____

Harness protector (impact pad)

Impact pad type: **Foam**
Impact pad integrated: **Yes**
Impact pad number: **MISC_192.2021**
If not integrated : Manufacturer Serial number:
Production date (year / month) : _____

Warning : Read the operating manual before using this equipment!

A sample has been tested and certifies its conformity with the following standard: **EN1651:2018, EN12491:2015**. This model corresponds with the tested sample and its airworthiness.

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Paragliding Harness - LTF

Inspection number : **PH_317.2020**
Manufacturer : **Niviuk Gliders**
Model and size : **Arrow L**
Maximum pilot weight [kg] : **120**
Integrated container for rescue system: **Yes**
If Yes. Volume of the container [cm³] : **2'000 min 10'000 max**
Serial number: _____
Production date (year / month) : _____

Harness protector (impact pad)

Impact pad type: **Foam**
Impact pad integrated: **Yes**
Impact pad number: **MISC_192.2021**
If not integrated : Manufacturer Serial number:
Production date (year / month) : _____

Warning : Read the operating manual before using this equipment!

A sample has been tested and certifies its conformity with the following standard: **EN1651:1999, EN12491:2015 and LTF NfL II 91/09**. This model corresponds with the tested sample and its airworthiness.

BR | rev 02 | 21.11.2019 | ISO 94.23



EU Type Examination Certificate

Date: 2024/05/10

n. **1079241901/OE**

Validity: 2029/05/09

The hereunder described items of Personal Protective Equipment have overcome positively the "EU type examination" (Module B), proving their conformity to the safety and health requirements of the Regulation (EU) 2016/425 (Annex II)

| | | |
|---|--|--|
| Manufacturer: (Responsible of the PPE) | AIR GAMES SL Carrer del Ter 6-Nave D, La Cellera de Ter, Girona – SPAIN | |
| Type of PPE: | Impact pad for paragliding harness | |
| Category of PPE: | II : "medium" risks. This certificate is based on reference standards listed below: its validity is no longer ensured should new version of the standards come into force. | |
| Model | "HAKFO" | |
| Description: | <p>Foam impact protector to be fitted into paragliding harness. This impact protector is removable, and therefore it can be detached from the harness.</p> <p>The complete material description and construction of this impact protector can be found in the Technical File of reference.</p> <p>This impact protector is associated with the reference paragliding harnesses:</p> <ul style="list-style-type: none"> ▪ ARROW ▪ HAWK <p>See pictures on page 3.</p> | |
| Technical Standard: | EN 1651:2018+A1:2020 | Paragliding equipment – Harnesses – Safety requirements and strength tests |
| Intended use: | reduce the compression damage to the spine of the pilot in case of wrong landing in paragliding activities. | |
| Size range: | from S to XL | |
| Technical File: | DC-17355 | |
| Test report: | AIR-TURQUOISE SA n° MISC_192.2021 rev.01 | |





EU Type Examination Certificate

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Functions and performance levels:

Prevent injuries caused by impacts that may occur in paragliding activities, by absorbing the impact energy to the body of the pilot.

The protector passed the impact testing performed with a test dummy (min. 50 Kg) lifted up to a minimum height of 165cm (measured from the impact surface to the lowest point of the dummy).

Requirements:

- maximum peak value: 50 g;
- at value of 38 g: maximum duration of 7 ms;
- at value of 20 g: maximum duration of 25 ms.

Marking:

on a stitched label displaying the following information:

- **CE Marking;**
- registered trademark and web site of the Manufacturer;
- item designation of the PPE;
- nr. and year of the European Standard of reference;
- size indication;
- date of manufacture;
- test reference number;
- notice inviting the user to read the user manual;
- notice for removable impact pads as set out by the Standard;
- additional info: name/address of the test house and "Made in...".

| | | |
|--|----------------|-----------------------------|
| HAKFO | | Date of manufacture |
| | | Size |
| Niviuk Impact Pad | | |
| Test ref. number MISC_192.2021 rev. 01 / EN 1651:2018 + A1:2020 Read manual before use The impact damping characteristics of impact pads degrade through use and through ageing. Periodically check the impact pad's function and condition in accordance with the manufacturer's instructions. | | Inspected by |
| Testing laboratory Air Turquoise SA Rte du Pré-au-Compte 8 CH - 1844 Villeneuve | CE | NIVIUK |
| MADE IN VIETNAM | www.niviuk.com | |

Front:



Back:





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Reference paragliding harnesses:

ARROW



HAWK



NOTE: the Technical File contains a more detailed description of the PPE (material, method of assembly, photographs or drawings), performance data, safety functions and level of protection, elements of conformity to the basic and supplementary requirements. The Technical File is integral part of the present Certification, which has to be kept available by the applicant to be forwarded - upon request - to the entitled person (supervising body, Controlling Officer).

