

Paragliding equipment — Harnesses — Safety requirements and strength tests

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British Standard

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National foreword

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The UK participation in its preparation was entrusted by Technical Committee SW/136, Sports, playground and other recreational equipment, to Subcommittee SW/136/6, Paragliding, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 12, an inside back cover and a back cover.

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English version

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Exigences de sécurité et essais de résistance

Ausrüstung für das Gleitschirmfliegen - Gurtzeuge -
Sicherheitstechnische Anforderungen und Prüfung der
Festigkeit

This European Standard was approved by CEN on 1 April 1999.

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 136, Sports, playground and other recreational equipment, the Secretariat of which is held by DIN.

This standard is one of a package of standards on equipment for paragliding as follows:

EN 926-1

Paragliding equipment – Paragliders – Part 1: Requirements and test methods for structural strength.

prENV 926-2

Paragliding equipment – Paragliders – Part 2: Requirements and flight tests.

EN 1651

Paragliding equipment – Harnesses – Safety requirements and strength tests.

prEN 12491

Paragliding equipment – Emergency parachute – Safety requirements and test methods.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2000, and conflicting national standards shall be withdrawn at the latest by March 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This standard is applicable only to harnesses for paragliders.

The intermediate attachment system between the harness and the paraglider does not form part of this standard.

This standard specifies safety requirements and test methods.

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 926-1

Paragliding equipment – Paragliders – Part 1: Requirements and test methods for structural strength.

prEN 12491

Paragliding equipment – Emergency parachute – Safety requirements and test methods.

3 Definitions

For the purposes of this standard, the following definitions apply:

3.1 paraglider: ultralight glider with no primary rigid structure, for which take-off and landing are on foot, the pilot is installed in a harness connected to the wing [EN 926-1]

3.2 harness: an assembly composed of straps and fabric for supporting the pilot in the seated or semi-recumbent or standing position

NOTE: The harness is attached to the wing via two rings or connectors; it can also be integral with the wing via risers.

4 Safety requirements

4.1 General

All free ends of the harness straps shall be finished with a folded hem making it impossible for the straps to pass through the adjustable buckles.

The harness shall be made in accordance with accepted practice for textile assemblies.

All attachment points provided on the harness (see Figure 1) which are not to be used for attachment of the paraglider or emergency parachute shall be clearly marked in a contrasting colour to the main webbing.

The attachment points for the emergency parachute shall not be in a position lower than the attachment points of the paraglider and shall be positioned symmetrically on the harness.