SLOVENSKI STANDARD
SIST EN 926-2:2014/oprA1:2019

01-maj-2019

Oprema za jadralno padalstvo - Jadralna padala - 2. del: Zahteve in preskusne metode za razvrščanje po značilnostih, pomembnih za varno letenje

Paragliding equipment - Paragliders - Part 2: Requirements and test methods for classifying flight safety characteristics

Ausrüstung für das Gleitschirmfliegen - Gleitschirme - Teil 2: Anforderungen und Prüfverfahren zur Klassifizierung der sicherheitsrelevanten Flugeigenschaften

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Équipement pour le parapente - Parapentes - Partie 2 : Exigences et méthodes d'essai pour la classification des caractéristiques de sécurité en vol

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Ta slovenski standard je istoveten z: **EN 926-2:2013/prA1**

ICS:

97.220.40	Oprema za športe na prostem in vodne športe	Outdoor and water sports equipment

SIST EN 926-2:2014/oprA1:2019 **en,fr,de**

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SIST EN 926-2:2014/oprA1:2019

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
EN 926-2:2013

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March 2019

ICS 97.220.40

English Version

Paragliding equipment - Paragliders - Part 2: Requirements and test methods for classifying flight safety characteristics

Équipement pour le parapente - Parapentes - Partie 2 : Exigences et méthodes d'essai pour la classification des caractéristiques de sécurité en vol

Ausrüstung für das Gleitschirmfliegen - Gleitschirme - Teil 2: Anforderungen und Prüfverfahren zur Klassifizierung der sicherheitsrelevanten Flugeigenschaften

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 136.

This draft amendment A1, if approved, will modify the European Standard EN 926-2:2013. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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SIST EN 926-2:2014/oprA1:2019

Contents

Page

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN 926-2:2014/kFprA1:2020
https://standards.iteh.ai/catalog/standards/sist/cfab630b-6a31-4523-b10f-95868db07e4f/sist-en-926-2-2014-kfpra1-2020

SIST EN 926-2:2014/oprA1:2019

European foreword

This document (EN 926-2:2013/prA1:2019) has been prepared by Technical Committee CEN/TC 136 “Sports, playgrounds and other recreational facilities and equipment”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

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(standards.iteh.ai)
SIST EN 926-2:2014/kFprA1:2020
https://standards.iteh.ai/catalog/standards/sist/cfab630b-6a31-4523-b10f-95868db07e4f/sist-en-926-2-2014-kfpra1-2020

SIST EN 926-2:2014/oprA1:2019

1 Modifications to 3.21, folding lines

Replace the definition of term 3.21 with the following:

"copy of the A-lines (with two allowed exceptions) used to help the test pilot achieving specific manoeuvers".

Add the following note to the entry 3.21 below the definition:

"Note 1 to entry: The allowed exceptions are that the number of upper level lines may be increased and the length of the upper level of lines may be altered by up to 100 mm to ensure that the profile of the glider is undeformed and the collapse follows the required pattern."

2 Modification to 4.4.24, Folding lines

In the last row of Table 48, replace "D" *with* "C".

3 Modification to 5.3.3.3, Folding lines

Replace the entire subclause 5.3.3.3 with the following:

"Folding lines shall not be used in categories A and B gliders.

In category C and D gliders, folding lines are only permitted in symmetric and asymmetric collapse manoeuvres.

Test according to 5.5.18.10 and 5.5.18.14.

If folding lines are used:

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— The number of upper folding lines shall not be less than the number of upper A lines. Additional upper folding lines can be added to achieve the correct collapse.

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https://standards.iteh.ai/catalog/standards/sist/cfab630b-6a31-4523-b10f-95868db07e4f/sist-en-926-2-2014-oprA1-2020

— Based on the A geometry a ± 10 cm margin is allowed on upper line.

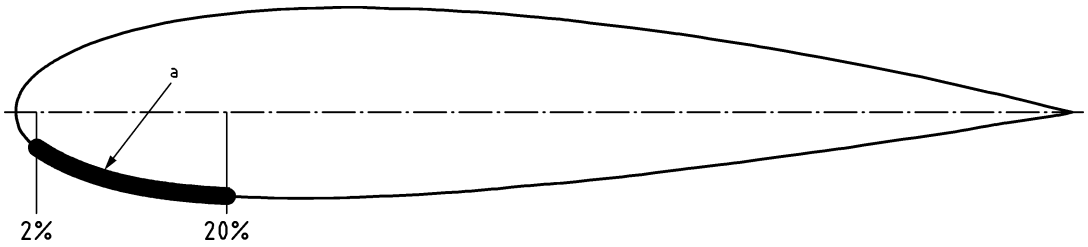
— The folding lines shall be slack when there are not used ± 10 cm.

— For safety reasons the test pilot can hold a longer, extra brake handle in his hand. There shall not be any tension visible on the trailing edge.

— If used, the extra-folding tabs shall be attached to the ribs, on the lower part of the profile between 2 % and 20 % of the chord, irrespective of the air intake position.

— The additional line attachment points on the glider and a complete set of folding lines shall be supplied with the production glider as well.

SIST EN 926-2:2014/oprA1:2019



Key:

a range allowed for folding line position

Figure 3 — Profile with folding line position range

"

4 Modifications to 5.5.6, Harness dimensions

*Change the number of Figure 3 to "*Figure 4*" throughout the subclause.*

*Change the number of Figure 4 to "*Figure 5*" throughout the subclause.*

*Change the number of Figure 5 to "*Figure 6*" throughout the subclause.*

*Change the number of Figure 6 to "*Figure 7*" throughout the subclause.*

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5 Modification to 5.5.18.10.1, Test 1: Unaccelerated collapse (approximately 30 % chord)

Add the following text at the end of the subsection 5.5.18.10.1:

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https://standards.iteh.ai/catalog/standards/sist/cfab630b-6a31-4523-b10f-95868db07e4f/sist-en-926-2-2014-kfpra1-2020

"The collapse performed for the tests:

— shall match the mandatory geometry in one fluid motion without showing distinct steps, and

— shall be performed by the test pilot in one single action."

6 Modification to 5.5.18.10.2, Test 2: Unaccelerated collapse (at least 50 % chord)

Add the following text at the end of the subsection 5.5.18.10.2:

"The collapse performed for the tests:

— shall match the mandatory geometry in one fluid motion without showing distinct steps, and

— shall be performed by the test pilot in one single action."

7 Modification to 5.5.18.10.3, Test 3: Accelerated collapse

Add the following text at the end of the subsection 5.5.18.10.3:

"The collapse performed for the tests:

— shall match the mandatory geometry in one fluid motion without showing distinct steps, and

— shall be performed by the test pilot in one single action."

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8 Modification to 5.5.18.14.2, Small asymmetric collapse

Add the following text at the end of the subsection 5.5.18.14.2:

"The collapse performed for the tests:

— shall match the mandatory geometry in one fluid motion without showing distinct steps, and

— shall be performed by the test pilot in one single action."

9 Modifications to 5.5.18.14.3, Large asymmetric collapse

*Change the number of Figure 7 to "*Figure 8*" throughout the subclause.*

Add the following text at the end of the subsection 5.5.18.14.3:

"The collapse performed for the tests:

— shall match the mandatory geometry in one fluid motion without showing distinct steps, and

— shall be performed by the test pilot in one single action."

10 Modification to Clause 7 "User's manual"

After e), add new f) as follows:

"f) Folding line information:

1) description of the tests which need folding line(s);

2) information on how to mount the folding mounting line(s)."

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SIST EN 926-2:2014/kFprA1:2020
https://standards.iteh.ai/catalog/standards/sist/cfab630b-6a31-4523-b10f-95868db07e4f/sist-en-926-2-2014-kfpra1-2020