

Deutscher Hängegleiterverband e.V.

DHV-Musterprüfstelle, Am Hoffeld 4, 83703 Gmund a.T.

Akkreditierte Musterprüfstelle für Hängegleiter und Gleitsegel

nach DIN EN ISO/IEC 17020:2012-07



FB GS-03 Herstellerangaben zum Leinendatenblatt

Line information sheet

Model name	Glider name
Manufacturer	Gin Gliders Inc.
Max weight in flight	125 kg

1. Line technical specifications

Data according to "Line calc" and "Line spec" folder

2. Breaking Strength verification

2.1 Breaking strength of the suspension lines

The minimum breaking strength of any line shall be greater than 20 daN	YES
The sum of strength after bending test of the line of the first level shall exceed the greater of $14 \cdot g \cdot [\text{max weight in flight}]$ or 1400 daN	YES
The sum of strength after bending test of the line of the second level shall exceed the greater of $14 \cdot g \cdot [\text{max weight in flight}]$ or 1400 daN	#NV
The sum of strength after bending test of the line of the third level shall exceed the greater of $14 \cdot g \cdot [\text{max weight in flight}]$ or 1400 daN	YES
The sum of strength after bending test of the line of the forth level shall exceed the greater of $14 \cdot g \cdot [\text{max weight in flight}]$ or 1400 daN	YES

2.2 Breaking strength of the brake lines


The minimum breaking strength of any line shall be greater than 20 daN	YES
The sum of strength of the first level shall exceed 150 daN	YES
The sum of strength of the second level shall exceed 150 daN	YES
The sum of strength of the third level shall exceed 150 daN	YES
The sum of strength of the forth level shall exceed 150 daN	YES
The connection between the control handle and the first level of line shall have a minimum breaking strength of 75 daN	YES

3. Production tolerances

Points listed above under line specifications must remain constant throughout production. In addition, the following details must also remain constant:

- Line construction
- Number of core braids
- Number of sheath braids
- Core weave and braid lengths
- Sheath weave and braid lengths
- Mechanical/chemical surface treatment

Should tolerance deviations be noted due to other parameters, these must be documented on a separate page and added to this form.

Place, date, company stamp and signature	Remark DHV
Yongin, 22.02.2023 	Datenblatt geprüft: am: von: