**Fédération Aéronautique Internationale**

Maison du Sport International,
Av. de Rhodanie 54, CH-1007 Lausanne



# CIVL Competition Class paragliders
# Certificate of Compliance

## I Manufacturer

Company name: Gin Gliders Inc.

Address: 2318-32, Baegok-daero, Mohyeon-myeon, Cheoin-Gu, Yongin-city, Gyeonggi-Do, 17036 Korea

## II Test Laboratory (as appropriate)

Company name: Deutscher Hängegleiterverband e.V.

Address: Am Hoffeld 4, 83703 Gmund am Tegernsee

## III Test Specimen

Brand name, model name and size: GIN Boomerang 13.1 XS

Min take-off weight (kg): 80

Max take-off weight (kg): 95

## IV Measurements Program: Results, Checks and Required Drawings

| | | | | | |
|---|---|---|---|---|---|
| Canopy dimension | ☑ | See Measurements file | Symmetric folding lines check | ☐ Negative | ■ Positive |
| Line attachment points | ☑ | See Measurements file | Asymmetric folding line check | ☐ Negative | ■ Positive |
| Lines lengths | ☑ | See Measurements file | Folding line attachment points check | ☐ Negative | ■ Positive |
| Riser lengths | ☑ | See Measurements file | | | |

## V Flight Test Program

Model Serial number: BP04-Q1080343P

Month/Year of production: 04/2025

Flight test reference number (by Test Lab - as appropriate): GS-CCC-034-25

Canopy markings for collapses: ☐ Negative ■ Positive

Test pilot(s) name (s):

1. Harry Buntz (DHV)
2. Mario Eder (DHV)
3.

Flight test program completed: ☐ Negative ■ Positive

Test Laboratory Manufacturer (reference certificate, date, place, signature)

20.06.2025, Gmund

Manufacturer (date, place, signature)

20.06.2025, Yongin

**Fédération Aéronautique Internationale**

Maison du Sport International,
Av. de Rhodanie 54, CH-1007 Lausanne



## VI Structural Strength Test Results

Load Test reference number 036236 | 036235

Load Model Serial number BN02-Q1080315P

Month/Year of production 02.2024

**Shock Load Test**

Weak link [daN]: 900 > max. take-off weight

Date (dd/mm/yyyy): 20.03.2024

Damage: ☐ Yes ■ No

**Sustained Load Test (max. load over 3 seconds)**

Maxl load [daN]: 1022 > max. take-off weight

Date (dd/mm/yyyy): 20.03.2024

Damage: ☐ Yes ■ No

**Calculated Max Weight**

$W_{max}$ [daN]: 131.1 > max. take-off weight

All line samples Fbreak >20 daN: ■ Yes ☐ No

**Main Brake Line Strength**

**(**The main Brake Line Strength should be tested with the connecting knot to the handle)

Fbreak> 100 daN: ■ Yes ☐ No

## VII Additional Materials

Plans with dimensions and tolerances: ☑ Refer to user's manual and Annexe B

Technical characteristics and list of materials ☑ Refer to user's manual and Annexe B

User's manual:

Revision: 1.0

Date (dd/mm/yyyy): 01.03.2024

Website documentation page:

## VIII Certificate of Compliance

The undersigned certifies that the model tested complies with the CCC requirements as defined in Section 7G – 2020 Edition – Revision 1.0

Test Laboratory Manufacturer
(reference certificate, date, place, signature)

20.06.2025, Gmund

Manufacturer (date, place, signature)

20.06.2025, Yongin

GIN GLIDERS INC.
GIN SEOK, SONG/PRESIDENT