



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 n/a

Address _____

III Test Specimen

Brand name, model name and size GIN Boomerang 12 ML (2022)

Min take-off weight (kg) 105 Max take-off weight (kg) 117

IV Measurements Program: Results, Checks and Required Drawings

| | | | | | |
|------------------------|-------------------------------------|-----------------------|--------------------------------------|-----------------------------------|----------------------------------------------|
| Canopy dimension | <input checked="" type="checkbox"/> | See Measurements file | Symmetric folding lines check | <input type="checkbox"/> Negative | <input checked="" type="checkbox"/> Positive |
| Line attachment points | <input checked="" type="checkbox"/> | See Measurements file | Asymmetric folding line check | <input type="checkbox"/> Negative | <input checked="" type="checkbox"/> Positive |
| Lines lengths | <input checked="" type="checkbox"/> | See Measurements file | Folding line attachment points check | <input type="checkbox"/> Negative | <input checked="" type="checkbox"/> Positive |
| Riser lengths | <input checked="" type="checkbox"/> | See Measurements file | | | |

V Flight Test Program

Model Serial number BK08-Q8200287P

Month/Year of production 09/2021

Flight test reference number (by Test Lab - as appropriate) n/a

Canopy markings for collapses Negative Positive

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

n/a

Test pilot(s) name (s):
1. Yongtae Ahn
2. _____
3. _____

Flight test program completed Negative Positive

Manufacturer (date, place, signature)

20.03.2022, Yongin





VI Structural Strength Test Results

Load Test reference number 033758 | 033756

Load Model Serial number BK11-Q8200296P

Month/Year of production 09/2021

Shock Load Test

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

Date (dd/mm/yyyy): 15.03.2022

Damage: Yes No

Sustained Load Test (max. load over 3 seconds)

Maxl load [daN]: 1007,8 > max. take-off weight

Date (dd/mm/yyyy): 15.03.2022

Damage: Yes No

Calculated Max Weight

W_{max} [daN]: 133,2 > max. take-off weight

All line samples F_{break} >20 daN: Yes No

Main Brake Line Strength

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

F_{break} > 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): 10.03.2022

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)

Manufacturer (date, place, signature)

n/a

20.03.2022, Yongin

