

## Line and Riser measurements report for flight test glider

Report number: **PG\_1492.2019**

Sample name: **Magic M**

Manufacturer: **BGD**

S/N: **BG0709510A**

### Total line length include riser and carabiner/connect [mm]

|          |    | A    | B    | C    | D    | E | Stab | Brakes |
|----------|----|------|------|------|------|---|------|--------|
| Center   | 1  | 6789 | 6667 | 6709 | 6865 |   |      | 7121   |
|          | 2  | 6741 | 6631 | 6674 | 6845 |   |      | 6957   |
|          | 3  | 6779 | 6653 | 6696 | 6819 |   |      | 6807   |
|          | 4  | 6793 | 6675 | 6705 | 6799 |   |      | 6750   |
|          | 5  | 6760 | 6641 | 6680 | 6789 |   |      | 6642   |
|          | 6  | 6751 | 6636 | 6683 | 6795 |   |      | 6568   |
|          | 7  | 6790 | 6677 | 6713 |      |   |      | 6522   |
|          | 8  | 6721 | 6626 | 6709 |      |   |      | 6540   |
|          | 9  | 6660 | 6573 | 6626 |      |   |      | 6476   |
|          | 10 | 6556 | 6501 | 6572 |      |   |      | 6444   |
|          | 11 | 6492 | 6478 | 6593 |      |   |      | 6428   |
|          | 12 | 6474 | 6204 | 6310 |      |   |      | 6409   |
|          | 13 | 6262 | 6113 | 6232 |      |   |      | 6435   |
| Wing tip | 14 | 6119 |      |      |      |   |      |        |
|          | 15 |      |      |      |      |   |      |        |
|          | 16 |      |      |      |      |   |      |        |
|          | 17 |      |      |      |      |   |      |        |
|          | 18 |      |      |      |      |   |      |        |

### Measure total riser length with no carabiners/connect [mm]

| Risers  | Std | Acc   |
|---------|-----|-------|
| A       | 501 | 371   |
| A'      | 501 | 371   |
| B       | 499 | 412   |
| C       | 502 | 502   |
| D       |     |       |
| Acc     | 130 | *[mm] |
| Trimmer | n/a | [mm]  |

\*Travel range (distance between A and rear riser)