



## Line and Riser measurements report for flight test glider

Report number: **PG\_1353.2018**  
 Manufacturer: **MCC Aviation**

Sample name: **Beluga 4 38 standard**  
 S/N: **31-1313**

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

|          |    | A    | B    | C    | D    | E | Stab | Brakes |
|----------|----|------|------|------|------|---|------|--------|
| Center   | 1  | 8273 | 8189 | 8194 | 8305 |   | 7248 | 9090   |
|          | 2  | 8176 | 8089 | 8098 | 8210 |   | 7245 | 8870   |
|          | 3  | 8217 | 8130 | 8139 | 8253 |   | 7286 | 8718   |
|          | 4  | 8175 | 8093 | 8100 | 8216 |   |      | 8639   |
|          | 5  | 8082 | 8005 | 8013 | 8121 |   |      | 8537   |
|          | 6  | 8125 | 8045 | 8054 | 8168 |   |      | 8401   |
|          | 7  | 8090 | 8005 | 8019 | 8134 |   |      | 8344   |
|          | 8  | 7996 | 7924 | 7941 | 8045 |   |      | 8288   |
|          | 9  | 8020 | 7953 | 7970 | 8069 |   |      | 8170   |
|          | 10 | 7930 | 7872 | 7927 |      |   |      | 8087   |
|          | 11 | 7777 | 7731 | 7784 |      |   |      | 7998   |
|          | 12 | 7713 | 7664 | 7706 |      |   |      | 7975   |
|          | 13 | 7449 | 7428 | 7494 |      |   |      |        |
| Wing tip | 14 | 7330 |      |      |      |   |      |        |
|          | 15 |      |      |      |      |   |      |        |
|          | 16 |      |      |      |      |   |      |        |
|          | 17 |      |      |      |      |   |      |        |
|          | 18 |      |      |      |      |   |      |        |

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

| Risers  |     |     |
|---------|-----|-----|
| A       | 350 | 350 |
| B       | 355 | 376 |
| C       | 356 | 411 |
| D       | 350 | 438 |
|         |     |     |
| Acc     | n/a | cm  |
| Trimmer | 90  | cm  |

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