



Line and Riser measurements report for flight test glider

Report number: **PG_2152.2023**
 Manufacturer: **Niviuk**

Sample name: **Klimber 3 P 20**
 S/N: **KLIMBER320**

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

| | | A | B | C | D | E | Stab | Brakes |
|----------|----|------|------|------|------|---|------|--------|
| Center | 1 | 7220 | 7190 | 7165 | 7248 | | | 7385 |
| | 2 | 7187 | 7156 | 7131 | 7215 | | | 7235 |
| | 3 | 7165 | 7135 | 7104 | 7194 | | | 7140 |
| | 4 | 7184 | 7158 | 7130 | 7208 | | | 7208 |
| | 5 | 7114 | 7093 | 7071 | 7144 | | | 7034 |
| | 6 | 7074 | 7048 | 7029 | 7102 | | | 6847 |
| | 7 | 7009 | 6984 | 6970 | 7034 | | | 6777 |
| | 8 | 7009 | 6986 | 6977 | 7032 | | | 6858 |
| | 9 | 6866 | | 6822 | 6896 | | | 6699 |
| | 10 | 6817 | | 6788 | 6856 | | | 6592 |
| | 11 | 6686 | | 6699 | | | | 6528 |
| | 12 | 6659 | | 6674 | | | | 6554 |
| | 13 | 6643 | | 6616 | | | | |
| | 14 | 6664 | | 6612 | | | | |
| | 15 | 6461 | | 6460 | | | | |
| Wing tip | 16 | 6417 | | 6448 | | | | |
| | 17 | | | | | | | |
| | 18 | | | | | | | |

Measure total riser length without carabiners/connect [mm]

| Risers | Std | Acc |
|---------|-----|-------|
| A | 491 | 303 |
| A' | 496 | 399 |
| B | 494 | 494 |
| C | | |
| D | | |
| Acc | 188 | *[mm] |
| Trimmer | n/a | [mm] |

*Travel range (distance between A and rear riser)