

## Line and Riser measurements report for flight test glider

Report number: **PG\_1420.2018**

Sample name: **Hook 5 24**

Manufacturer: **Niviuk**

S/N: **V8**

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

|          |    | A    | B    | C    | D    | E | Stab | Brakes |
|----------|----|------|------|------|------|---|------|--------|
| Center   | 1  | 6954 | 6841 | 6907 | 7022 |   | 6084 | 7089   |
|          | 2  | 6897 | 6784 | 6851 | 6966 |   | 6082 | 6880   |
|          | 3  | 6833 | 6798 | 6887 | 6997 |   | 6161 | 6794   |
|          | 4  | 6754 | 6671 | 6740 | 6837 |   |      | 6737   |
|          | 5  | 6699 | 6608 | 6670 |      |   |      | 6568   |
|          | 6  | 6563 | 6513 | 6590 |      |   |      | 6502   |
|          | 7  | 6472 | 6473 | 6569 |      |   |      | 6544   |
|          | 8  | 6410 | 6469 | 6586 |      |   |      | 6495   |
|          | 9  | 6194 | 6166 |      |      |   |      | 6360   |
|          | 10 |      |      |      |      |   |      | 6250   |
| Wing tip | 11 |      |      |      |      |   |      | 6244   |
|          | 12 |      |      |      |      |   |      |        |
|          | 13 |      |      |      |      |   |      |        |
|          | 14 |      |      |      |      |   |      |        |
|          | 15 |      |      |      |      |   |      |        |
|          | 16 |      |      |      |      |   |      |        |
|          | 17 |      |      |      |      |   |      |        |
|          | 18 |      |      |      |      |   |      |        |

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

| Risers  | Std | Acc   |
|---------|-----|-------|
| A       | 466 | 334   |
| A'      | 467 | 335   |
| B       | 464 | 376   |
| C       | 465 | 465   |
| D       |     |       |
| Acc     | 130 | *[mm] |
| Trimmer | n/a | [mm]  |

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