



Line and Riser measurements report for flight test glider

Report number: **PG_1995.2022**
 Manufacturer: **Nova**

Sample name: **Mentor 7 XS**
 S/N: **500487**

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

| | | A | B | C | D | E | Stab | Brakes |
|----------|----|------|------|------|---|---|------|--------|
| Center | 1 | 6866 | 6737 | 6991 | | | 6152 | 7524 |
| | 2 | 6827 | 6722 | 6889 | | | 6179 | 7240 |
| | 3 | 6792 | 6687 | 6857 | | | 6221 | 6950 |
| | 4 | 6813 | 6694 | 6805 | | | 6285 | 6791 |
| | 5 | 6789 | 6703 | 6802 | | | | 6795 |
| | 6 | 6749 | 6663 | 6871 | | | | 6670 |
| | 7 | 6710 | 6640 | 6791 | | | | 6480 |
| | 8 | 6729 | 6662 | 6738 | | | | 6529 |
| | 9 | 6634 | 6552 | 6751 | | | | 6359 |
| | 10 | 6569 | 6483 | 6687 | | | | 6344 |
| | 11 | 6481 | 6413 | 6688 | | | | 6338 |
| | 12 | 6494 | 6419 | 6595 | | | | 6523 |
| | 13 | 6445 | 6370 | 6527 | | | | |
| | 14 | 6459 | 6375 | 6460 | | | | |
| | 15 | 6223 | 6224 | 6457 | | | | |
| | 16 | 6207 | 6197 | 6404 | | | | |
| | 17 | | | 6402 | | | | |
| | 18 | | | 6282 | | | | |
| Wing tip | 19 | | | 6264 | | | | |

Measure total riser length without carabiners/connect [mm]

| Risers | Std | Acc |
|---------|-----|-------|
| A | 515 | 400 |
| A' | 514 | 480 |
| B | 620 | -28 |
| C | 511 | 511 |
| D | | |
| Acc | 115 | *[mm] |
| Trimmer | n/a | [mm] |

*Travel range (distance between A and rear riser)