



Line and Riser measurements report for flight test glider

Report number: **PG_1671.2020**
 Manufacturer: **AirDesign**

Sample name: **Soar M**
 S/N: **XB32M1PP193722P**

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

| | | A | B | C | D | E | Stab | Brakes |
|----------|----|------|------|------|------|---|------|--------|
| Center | 1 | 7717 | 7658 | 7751 | 7962 | | | 8079 |
| | 2 | 7669 | 7613 | 7702 | 7858 | | | 7762 |
| | 3 | 7638 | 7581 | 7669 | 7816 | | | 7544 |
| | 4 | 7660 | 7604 | 7692 | 7834 | | | 7393 |
| | 5 | 7581 | 7513 | 7606 | 7773 | | | 7266 |
| | 6 | 7533 | 7471 | 7565 | 7795 | | | 7110 |
| | 7 | 7451 | 7403 | 7500 | | | | 7049 |
| | 8 | 7457 | 7408 | 7498 | | | | 7046 |
| | 9 | 7318 | 7283 | 7372 | | | | 7100 |
| | 10 | 7257 | 7223 | 7300 | | | | |
| | 11 | 7165 | 7138 | 7206 | | | | |
| | 12 | 7145 | 7121 | 7182 | | | | |
| | 13 | 7006 | 6982 | 7054 | | | | |
| | 14 | 6929 | 6929 | 6996 | | | | |
| Wing tip | 15 | 6860 | 6849 | 6915 | | | | |
| | 16 | 6790 | 6793 | 6859 | | | | |
| | 17 | | | | | | | |
| | 18 | | | | | | | |

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

| Risers | Std | Acc |
|---------|-----|-------|
| A | 517 | 339 |
| A' | 517 | 339 |
| B | 515 | 389 |
| C | 515 | 515 |
| D | | |
| Acc | 180 | *[mm] |
| Trimmer | n/a | [mm] |

*Travel range (distance between A and rear riser)