



Line and Riser measurements report for flight test glider

Report number: **PG_2240.2023**

Sample name: **RONIN 12**

Manufacturer: **AirDesign GmbH**

S/N: **XS21122PP232533P**

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

| | | A | B | C | D | E | F | G | Brakes |
|----------|----|------|------|------|------|------|------|------|--------|
| Center | 1 | 4919 | 4919 | 4938 | 4896 | 4868 | 4920 | 4948 | 5077 |
| | 2 | 4844 | 4856 | 4868 | 4834 | 4781 | 4834 | 4864 | 4981 |
| | 3 | 4806 | 4818 | 4832 | 4791 | 4798 | 4840 | 4858 | 4932 |
| | 4 | 4792 | 4808 | 4821 | 4787 | 4753 | 4738 | | 4836 |
| | 5 | 4813 | 4822 | 4837 | 4792 | 4615 | 4591 | | 4760 |
| | 6 | 4858 | 4861 | 4868 | 4834 | 4568 | 4528 | | 4711 |
| | 7 | 4778 | 4792 | 4812 | 4775 | 4352 | | | 4643 |
| | 8 | 4705 | 4727 | 4741 | 4701 | | | | 4531 |
| | 9 | 4650 | 4673 | 4675 | 4641 | | | | 4494 |
| | 10 | 4609 | 4643 | 4637 | 4599 | | | | 4462 |
| | 11 | 4600 | 4628 | 4610 | 4584 | | | | 4439 |
| | 12 | 4450 | 4430 | 4415 | 4341 | | | | 4425 |
| | 13 | 4361 | 4344 | 4324 | 4267 | | | | 4434 |
| Wing tip | 14 | 4255 | 4244 | 4252 | | | | | |
| | 15 | | | | | | | | |
| | 16 | | | | | | | | |
| | 17 | | | | | | | | |
| | 18 | | | | | | | | |

Measure total riser length without carabiners/connect [mm]

| Risers | Std | Acc |
|---------|-----|-------|
| A | 436 | |
| A' | 441 | |
| B | 437 | |
| C | | |
| D | | |
| Acc | n/a | *[mm] |
| Trimmer | n/a | [mm] |

*Travel range (distance between A and rear riser)