



Line and Riser measurements report for flight test glider

Report number: **PG_2403.2024**
 Manufacturer: **Sky Paragliders**

Sample name: **Merlin ML**
 S/N: **205-HARM-01-119**

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

| | | A | B | C | D | E | Stab | Brakes |
|--------|----------|------|------|------|------|---|------|--------|
| Center | 1 | 7512 | 7482 | 7450 | 7529 | | | 7972 |
| | 2 | 7463 | 7433 | 7399 | 7481 | | | 7669 |
| | 3 | 7432 | 7399 | 7368 | 7446 | | | 7446 |
| | 4 | 7444 | 7415 | 7389 | 7460 | | | 7329 |
| | 5 | 7398 | 7372 | 7337 | 7421 | | | 7253 |
| | 6 | 7368 | 7342 | 7306 | 7389 | | | 7080 |
| | 7 | 7330 | 7304 | 7279 | 7356 | | | 7026 |
| | 8 | 7343 | 7322 | 7298 | 7365 | | | 7057 |
| | 9 | 7234 | 7211 | 7238 | 7306 | | | 7009 |
| | 10 | 7182 | 7167 | 7187 | 7260 | | | 6970 |
| | 11 | 7086 | | 7073 | 7145 | | | 6999 |
| | 12 | 7107 | | 7076 | 7145 | | | 7016 |
| | 13 | 6984 | | 7003 | 6783 | | | 7123 |
| | 14 | 6980 | | 7001 | | | | |
| | Wing tip | 15 | 6728 | | 6719 | | | |
| 16 | | 6687 | | 6694 | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |

Measure total riser length without carabiners/connect [mm]

| Risers | Std | Acc |
|---------|-----|-------|
| A | 504 | 331 |
| A' | 504 | 415 |
| B | 502 | 502 |
| C | | |
| D | | |
| Acc | 173 | *[mm] |
| Trimmer | n/a | [mm] |

*Travel range (distance between A and rear riser)