

## Line and Riser measurements report for flight test glider

Report number: **PG\_2185.2023**

Sample name: **LIBRA RS XS**

Manufacturer: **Swing Flugsportgeräte GmbH**

S/N: **99407**

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

|          |    | A    | B     | C    | D    | E | Stab | Brakes |
|----------|----|------|-------|------|------|---|------|--------|
| Center   | 1  | 7142 | 7122  | 7097 | 7189 |   |      | 7502   |
|          | 2  | 7101 | 7071  | 7048 | 7149 |   |      | 7220   |
|          | 3  | 7070 | 7049  | 7026 | 7130 |   |      | 7035   |
|          | 4  | 7096 | 7078  | 7061 | 7154 |   |      | 6978   |
|          | 5  | 7041 | 7016  | 7000 | 7093 |   |      | 6870   |
|          | 6  | 6998 | 6975  | 6959 | 7054 |   |      | 6711   |
|          | 7  | 6949 | 6925  | 6918 | 7006 |   |      | 6630   |
|          | 8  | 6965 | 6949  | 6938 | 7018 |   |      | 6652   |
|          | 9  | 6889 | 6870  | 6876 | 6969 |   |      | 6592   |
|          | 10 | 6847 | 6831  | 6839 | 6921 |   |      | 6558   |
|          | 11 | 6829 | #REF! | 6714 | 6807 |   |      | 6597   |
|          | 12 | 6789 | #REF! | 6688 | 6786 |   |      | 6649   |
|          | 13 | 6757 | #REF! | 6655 | 6725 |   |      |        |
|          | 14 | 6741 | #REF! | 6648 | 6715 |   |      |        |
|          | 15 | 6491 | 6509  |      |      |   |      |        |
|          | 16 | 6448 | 6493  |      |      |   |      |        |
| Wing tip | 17 | 6402 | 6436  |      |      |   |      |        |
|          | 18 |      |       |      |      |   |      |        |

### Measure total riser length without carabiners/connect [mm]

| Risers  | Std | Acc   |
|---------|-----|-------|
| A       | 516 | 336   |
| A'      | 540 | 359   |
| B       | 697 | 603   |
| C       | 516 | 516   |
| D       |     |       |
| Acc     | 180 | *[mm] |
| Trimmer | n/a | [mm]  |

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