

## Line and Riser measurements report for flight test glider

Report number: **PG\_2435.2024**

Sample name: **SIGMA 12 DLS 22**

Manufacturer: **Advance**

S/N: **105499**

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

|        |          | A    | B    | C    | D    | E | Stab | Brakes |
|--------|----------|------|------|------|------|---|------|--------|
| Center | 1        | 7163 | 7088 | 7182 | 7272 |   | 6320 | 7532   |
|        | 2        | 7124 | 7047 | 7137 | 7232 |   | 6261 | 7281   |
|        | 3        | 7084 | 7006 | 7088 | 7175 |   | 6236 | 7144   |
|        | 4        | 7093 | 7012 | 7065 | 7175 |   | 6345 | 7102   |
|        | 5        | 7026 | 6954 | 7120 | 7118 |   | 6326 | 7009   |
|        | 6        | 7004 | 6933 | 7040 | 7092 |   | 6302 | 6811   |
|        | 7        | 6961 | 6893 | 7008 | 7029 |   |      | 6737   |
|        | 8        | 6967 | 6901 | 6962 | 7039 |   |      | 6801   |
|        | 9        | 6859 | 6798 | 6977 |      |   |      | 6665   |
|        | 10       | 6830 | 6769 | 6898 |      |   |      | 6542   |
|        | 11       | 6742 | 6688 | 6829 |      |   |      | 6496   |
|        | 12       | 6724 | 6668 | 6822 |      |   |      | 6515   |
|        | 13       | 6620 | 6571 | 6740 |      |   |      |        |
|        | 14       | 6614 | 6560 | 6729 |      |   |      |        |
|        | Wing tip | 15   |      |      | 6620 |   |      |        |
| 16     |          |      |      | 6613 |      |   |      |        |
| 17     |          |      |      |      |      |   |      |        |
| 18     |          |      |      |      |      |   |      |        |

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

| Risers  | Std | Acc   |
|---------|-----|-------|
| A       | 472 | 304   |
| A'      | 473 | 304   |
| B       | 472 | 352   |
| C       | 481 | 481   |
| D       | -27 | -27   |
| Acc     | 168 | *[mm] |
| Trimmer | n/a | [mm]  |

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