

## Line and Riser measurements report for flight test glider

Report number: **PG\_1536.2019**

Sample name: **Helios RS L**

Manufacturer: **Swing Flugsportgeräte**

S/N: **99269**

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

		A	B	C	D	E	Stab	Brakes
Center	1	8112	7998	8067	8198		7215	8390
	2	8056	7939	8006	8137		7228	8186
	3	7982	7867	7931	8059		7268	8061
	4	7975	7858	7917	8043			7993
	5	8005	7886	7945	8069			7887
	6	8044	7932	7988	8108			7757
	7	8003	7889	7955	8064			7669
	8	7952	7842	7901	8010			7639
	9	7886	7784	7834	7938			7628
	10	7877	7778	7827	7925			7465
	11	7891	7802	7841	7936			7428
	12	7916	7831	7869	7960			7271
	13	7803	7730	7783	7870			7199
	14	7741	7672	7716	7808			7226
	15	7629	7570	7628				
	16	7586	7534	7581				
	17	7512	7469	7493				
Wing tip	18	7494	7454	7465				

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

Risers	Std	Acc
A	532	389
A'	533	412
B	534	435
C	533	482
D	532	532
Acc	140	*[mm]
Trimmer	n/a	[mm]

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