



Line and Riser measurements report for flight test glider

Report number: **PG_2054.2022**

Sample name: **Emotion 4 SM**

Manufacturer: **U-Turn**

S/N: **TM-EM4-4SM-21SK-7582**

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

		A	B	C	D	E	Stab	Brakes
Center	1	6561	6470	6581	6720		5455	7587
	2	6520	6427	6534	6685		5469	7124
	3	6510	6424	6529	6680		5551	6823
	4	6543	6450	6560	6708		5695	6769
	5	6509	6404	6510	6648			6634
	6	6446	6334	6440	6586			6568
	7	6413	6302	6409	6541			6523
	8	6416	6311	6410	6533			6502
	9	6302	6197	6290	6386			
	10	6216	6115	6196	6302			
	11	6150	6061	6152	6245			
	12	6109	6022	6092	6185			
Wing tip	13	5786	5710					
	14							
	15							
	16							
	17							
	18							

Measure total riser length without carabiners/connect [mm]

Risers	Std	Acc
A	492	328
A'	492	328
B	495	352
C	495	495
D	-29	-29
Acc	165	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)