

## Line and Riser Measurements of flight test Paraglider <sup>(1)</sup>

Report No. : **PG\_1710.2020** Sample name: **Cayenne 6 XXS** Date measure: **02.09.2020** Place: **Villeneuve**  
 Manufacturer: **Skywalk** S/N: **CA12 XXS Rev5** Responsible: **Claude Thurnheer** Linked: **ISO 91.20**

### Total line length including risers [mm]

Main brake line with diff color than A,B,C main line?  Yes

Center	A			B			C			D			E			Stab			Brake			+strap
	Manu <sup>(2)</sup>	Sample	Diff	Manu	Sample	Diff	Manu	Sample	Diff	Manu	Sample	Diff	Manu	Sample	Diff	Manu	Sample	Diff	Manu	Sample	Diff	Sample
1	7299	7306	7	7238	7247	9	7343	7339	-5						6479	6470	-9	7924	7927	4	120	
2	7246	7253	7	7184	7193	9	7289	7284	-5						6440	6438	-2	7641	7644	3	120	
3	7210	7211	1	7149	7153	4	7253	7254	0						6459	6455	-4	7406	7415	10	120	
4	7217	7220	2	7156	7159	3	7259	7250	-9						6391	6388	-3	7220	7227	7	120	
5	7145	7147	1	7087	7091	3	7190	7183	-7						6367	6368	1	7155	7159	4	120	
6	7087	7085	-2	7031	7039	8	7131	7122	-9						6394	6392	-2	7084	7093	10	120	
7	7041	7039	-2	6985	6992	6	7070	7064	-7						6355	6352	-3	6841	6850	9	120	
8	7033	7034	0	6979	6984	5	7055	7048	-7						6324	6329	5	6716	6724	8	120	
9	6902	6898	-4	6842	6835	-8	6901	6892	-10						6357	6360	3	6730	6738	8	120	
10	6847	6843	-4	6788	6780	-8	6842	6831	-12										6592	6602	10	120
11	6839	6835	-5	6780	6770	-10	6827	6818	-9										6444	6455	12	120
12	6772	6766	-6	6693	6687	-7	6716	6722	5										6345	6349	5	120
13	6730	6720	-11	6654	6643	-11	6672	6675	2										6250	6264	15	120
14	6720	6713	-8	6643	6633	-11	6659	6661	2										6273	6282	9	120
15																						
16																						
17																						
18																						

Stab line to riser:

Number Cell:

Weight of the glider [kg]:

Tolerance [mm] <sup>(4)</sup>:

### Riser measurement - total length (inner edge) [mm] <sup>(3)</sup>

Total length (incl. Carabiner or connect)	Risers	Std	Acc	Trim	Total length (no carabiner or connect)	Risers	Std	Acc
	A	522	371	n/a		A	494	343
	B	588	485	n/a		B	560	457
	C	524	524	n/a		C	496	496
	D			n/a		D		
	Acc	151	*[mm]			Acc	151	*[mm]
	Trimmer	n/a	[mm]			Trimmer	n/a	[mm]

No. of risers   
 Tolerance [mm]   
 Carabiner [mm]   
 Tolerance [mm]

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

### Acc system configuration max travel



Another trim configuration   
 If yes (description):

### Test Atmosphere AGL

Pressure [hPa]   
 Humidity [%]   
 Temperature [°C]

Plausibility check :  
 [mm] 500   
 [mm] 10000   
 Remark:

Instrument validity date  
 Laser distance meter   
 Line measurements system

Uncertainty of instrument [mm]

Present inspection's scope only extends to the conformity of a given sample, on a given date and in a given place – as mentioned here above. The validation of this report is given by the signature of the test manager on inspection certificate 91.20

<sup>(1)</sup>Total length measured from the underside of the glider to the inner edge of the risers with a tension of 50 [N]. Measured values do not include the uncertainty/The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor k = 2. The measured values lies within the assigned range of values with a probability of 95%. <sup>(2)</sup> Manu=Values from manufacturer, Sample=Measured by inspector.

<sup>(3)</sup> Risers, Std=Trim speed, Acc=Accelerated, AND if trimmer: Open=trimmer open, Closed=trimmer closed, Trim=measured at this position. <sup>(4)</sup>Tolerance line and riser is +/-15 [mm]