

Line breaking strength report

Inspection certification number : **CCC_023.2019**
 Manufacturer name: **Sol Paraglider**
 Model name and size : **LT One S**
 Report valid for the other sizes of model : -

kg daN
 Maximum weight: **95** **93.1**

Line specification and line breaking strength in daN (strongest to weakest value) ⁽¹⁾

Line number	Manufacturer	Type no.	Breaking strength (daN)
1	Cousin	16999	440.3
2	Cousin	16560	243.6
3	Cousin	12470	186.6
4	Cousin	16330	127.2

Line number	Manufacturer	Type no.	Breaking strength (daN)
5	Cousin	12240	96.2
6	Cousin	12100	35.8
7			
8			

Line breaking strength, theoretical calculation (see details on the following pages) ⁽³⁾

		daN	g
Sum A+B+C+ Stabilo lines	Level 1	3875.40	41.63
	Level 2	4030.80	43.30
	Level 3	4875.20	52.37
	Level 4	7280.00	78.20

A, B and C, the sum of each level must be equal or exceed 2300daN or 23g

Result **POSITIVE**

Place of inspection: **Villeneuve**
 Date of issue: **18.04.2019**
 Inspector: **Alain Zoller**

CIVL Competition Class (CCC)

Line junction and detailed line strength calculation

Level 1		Level 2		Level 3		Level 4					
AR1	16999	440.3	AML1	16560	243.6	AM1	16330	127.2	A1	12240	96.2
						AM2	16330	127.2	B1	12240	96.2
						AM3	16330	127.2	A2	12240	96.2
						AM4	16330	127.2	B2	12240	96.2
			AML2	16560	243.6			A3	12240	96.2	
								B3	12240	96.2	
								A4	12240	96.2	
								B4	12240	96.2	
Total:		880.6		974.4		1017.6				1539.2	
AR2	16999	440.3	AML3	16560	243.6	AM5	16330	127.2	A5	12240	96.2
						AM6	16330	127.2	B5	12240	96.2
						AM7	16330	127.2	A6	12240	96.2
						AM8	16330	127.2	B6	12240	96.2
			AML4	16560	243.6			A7	12240	96.2	
								B7	12240	96.2	
								A8	12240	96.2	
								B8	12240	96.2	
Total:		880.6		974.4		1017.6				1539.2	
AR3	16560	243.6	AML5	16560	243.6	AM9	16330	127.2	A9	12240	96.2
						AM10	16330	127.2	A10	12240	96.2
									A11	12240	96.2
									A12	12240	96.2
			AML6	12240	96.2	AM11	12100	35.8	A13	12240	96.2
								A14	12100	35.8	
								A15	12100	35.8	
								BM11	12100	35.8	
								B14	12100	35.8	
								B15	12100	35.8	
								C15	12100	35.8	
Total:		487.2		679.6		652				1320	



				BM1	12240	96.2		C1	12240	96.2
			BML1	16330	127.2			D1	12100	35.8
								C2	12240	96.2
BR1	12470	186.6						D2	12100	35.8
			BML2	16330	127.2			C3	12240	96.2
								D3	12100	35.8
								C4	12240	96.2
								D4	12100	35.8
Total:	373.2			508.8				769.6		1056
								C5	12240	96.2
			BML3	16330	127.2			D5	12100	35.8
								C6	12240	96.2
BR2	16999	440.3						D6	12100	35.8
			BML4	16330	127.2			C7	12240	96.2
								D7	12100	35.8
								C8	12240	96.2
								D8	12100	35.8
Total:	880.6			508.8				769.6		1056
								B9	12240	96.2
								B10	12240	96.2
BR3	12470	186.6						B11	12240	96.2
			BM9	12240	96.2		B9	12240	96.2	
							B10	12240	96.2	
			BM10	12240	96.2		B11	12240	96.2	
							B12	12240	96.2	
							B12	12100	35.8	
Total:	373.2			384.8				648.8		769.6