

Canopy dimensions REPORT

ccc1

ref.number: CCC_021.2018

Name: TR 127

Size: M

Maximum load (kg): 108

Serial number: 20164

Place: Jaragua do Sul

Date of measurement: 05/04/2018

Inspector: André Rottet

Manufacture name: SOL Paragliders - Sol sports Ltda

Representative: Ary Carlos Pradi

Street: Rua Walter Marquardt 1180

Post code / place: 89259-565 Jaragua di Sul SC

Country: Brazil

Canopy dimensions

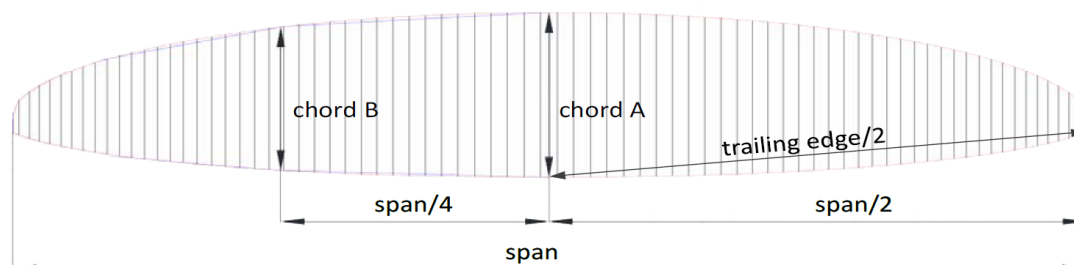
	Rib nb from center	Measure mm:	Tension:	Tolerances:
Full Span:		13090	5 daN	2%
1/2 Trailing Edge:		6625	5 daN	1%
Chord A:	1	2349	5 daN	1%
Chord B:	19	2049	5 daN	1%

Aspect ratio:
 $4 * \text{Span} / (\text{Chord A} + 2,5 * \text{Chord B})$

7,01

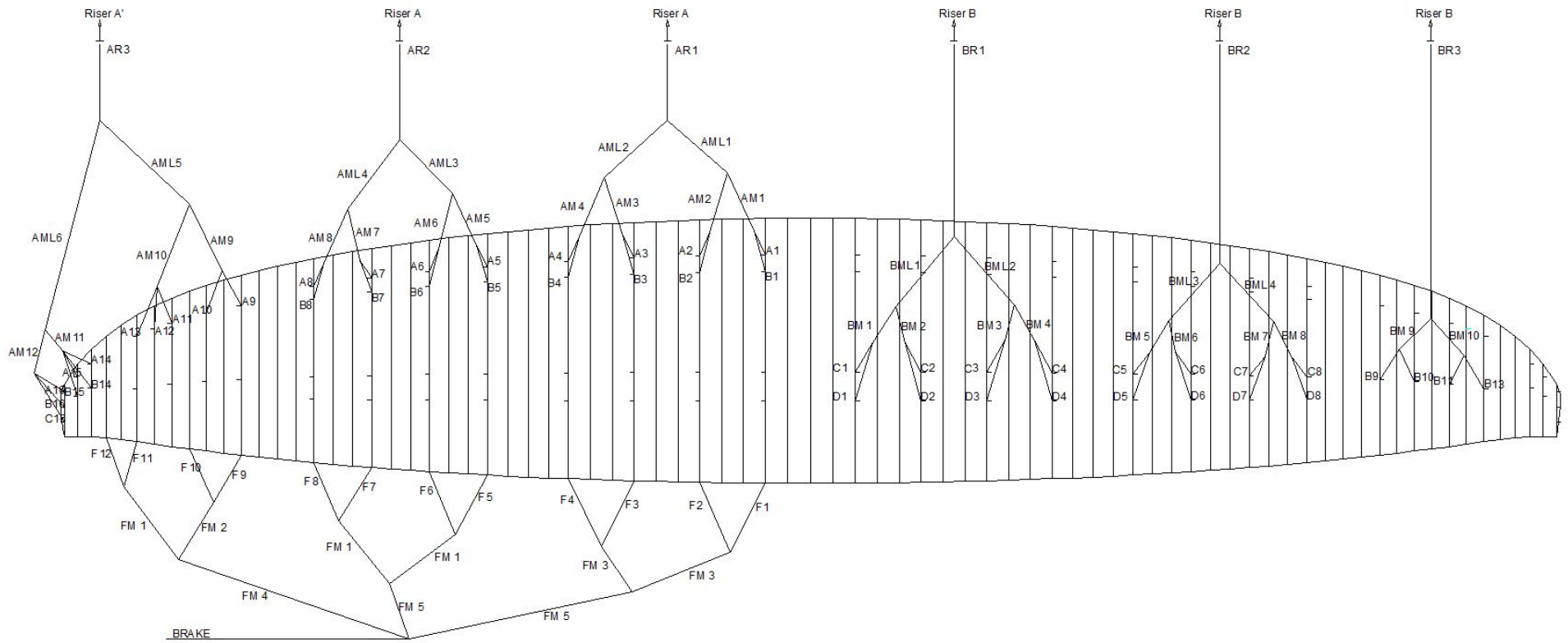
Chord lenght, inlet position, tabs position measured from trailing edge.

First fully lined RIB of group 1 (from center)					First fully lined RIB of group 2 (from center)					Last lined RIB (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances		Rib n°	Distance	Tension	Tolerances		Rib n°	Distance	Tension	Tolerances
Chord:	1	2350	1 daN	10mm +/-	Chord:	16	2130	1 daN	10mm +/-	Chord:	40	455	1 daN	10mm +/-
Top of inlet:	1	2285	5 daN	10mm +/-	Top of inlet:	16	2091	5 daN	10mm +/-	Tab A	40	397	5 daN	10mm +/-
Bottom of inlet:	1	2248	5 daN	10mm +/-	Bottom of inlet:	16	2058	5 daN	10mm +/-	Tab B	40	262	5 daN	10mm +/-
Tab Aa	3	2010	5 daN	10mm +/-	Tab Aa	16	1835	5 daN	10mm +/-	Tab C	40	127	5 daN	10mm +/-
Tab Ab	3	1870	5 daN	10mm +/-	Tab Ab	16	1703	5 daN	10mm +/-					
Tab B	3	990	5 daN	10mm +/-	Tab B	16	908	5 daN	10mm +/-					
Tab C	3	740	5 daN	10mm +/-	Tab C	16	675	5 daN	10mm +/-					



Line plan REPORT

Line plan



PG MEASUREMENT REPORT **MEASUREMENT OF FLIGHT TEST SAMPLE**

Ref number: **CCC_021.2018**
 Manufacturer: **Sol Paraglider**

Sample name: **TR 27 M prototype used by the manual data**
 S/N: **20164**

Execution date: **05/04/2018**
 Responsible: **André Rottet**

Execution place: **Jaragua do sul**

TOTAL LINE LENGTH WITH RISER (mm)

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

	A	B	C	D	BRAKE
Center					
1	8011	7988	7994	8062	8395
2	7909	7886	7893	7962	8156
3	7868	7845	7852	7921	7979
4	7887	7868	7872	7939	7869
5	7807	7785	7790	7850	7689
6	7698	7679	7683	7744	7554
7	7644	7626	7630	7688	7487
8	7640	7630	7631	7685	7486
9	7503	7506			7437
10	7417	7422			7382
11	7364	7364			7384
12	7340				7398
13	7347	7338			
14	7258	7245			
15	7205	7226			
Wing tip	16	7197	7224	7293	

Tolerance line (mm) **10**

MEASUREMENT TOTAL RISER LENGTH (mm)

Total length risers (with carabiners)		
Risers	trim	accel
A	550	410
A'	550	480
B	550	550
Acc	140	*(mm)
Trimmer	n/a	(mm)

Total length risers (without carabiners)		
Risers	trim	accel
A	520	380
A'	520	450
B	520	520
Acc	140	*(mm)
Trimmer	n/a	(mm)

* Travel range (distance btw A to rear riser)

Number of risers: **2**
 Tolerance (mm) **5**

Stabilo line attached to Risers: **A**

Carabiner (mm) **30**
 Tolerance (mm) **2**

Speed system configuration max travel in flight: **TOUCH**

