

Canopy dimensions REPORT

Test report ref. number: CCC-NK0320

Name: **Icepeak X-One** Place: **Le Chables**
 Size: **25** Date of measurement: **10.03.2020**
 Maximum load [kg]: **120** Inspector: **Tim Rochas**
 Serial number: **PI410220**

Manufacturer name: **Niviuk gliders / Air Games**

Paragliders permitted in FAI Category 1 Cross-Country events 2018 Edition Revision 1,9

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Canopy dimensions

	RIB nb from center	Measure mm	Tension	Tolerances
Full Span		14075	5 daN	2%
1/2 Trailing Edge		7205	5 daN	1%
Chord A	1	2220	1 daN	1%
Chord B	25	1940	1 daN	1%

Aspect ratio
4*span / (chord A+2.5*Chord B)
7.96

Nbr cells (total)
115

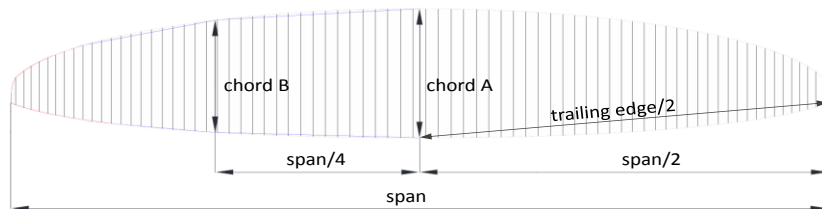
Scale factor / size 20
1.1185

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

First fully lined RIB of group 1 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	3	2201	1 daN	+/-10mm
Top of inlet	3	2119	5 daN	+/-10mm
Bottom of inlet	3	2100	5 daN	+/-10mm
Tab Aa	3	1925	5 daN	+/-10mm
Tab Ab	3	1774	5 daN	+/-10mm
Tab B	3	947	5 daN	+/-10mm
Tab C	3	713	5 daN	+/-10mm

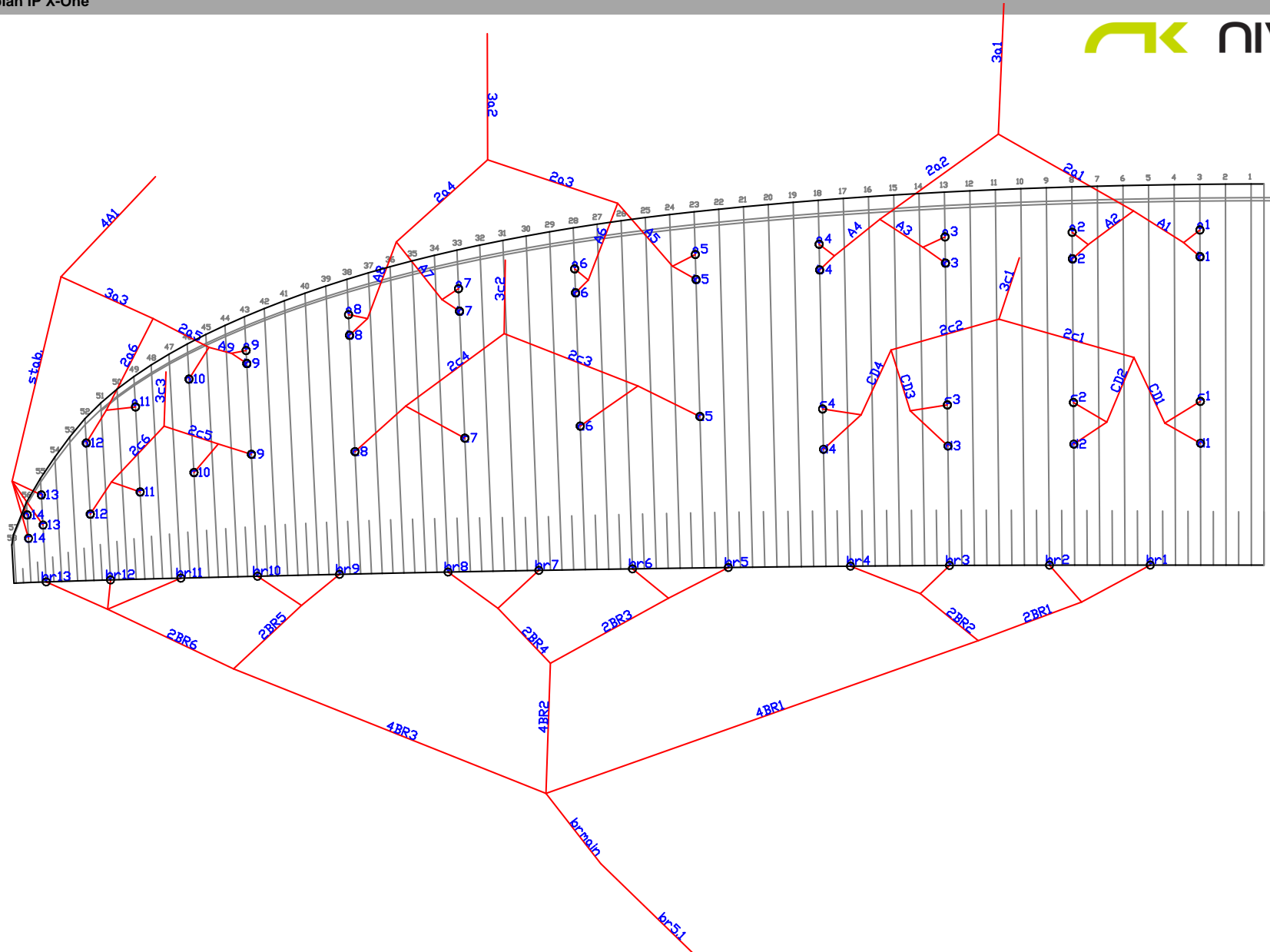
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	23	1961	1 daN	+/-10mm
Top of inlet	23	1895	5 daN	+/-10mm
Bottom of inlet	23	1882	5 daN	+/-10mm
Tab Aa	23	1720	5 daN	+/-10mm
Tab Ab	23	1591	5 daN	+/-10mm
Tab B	23	838	5 daN	+/-10mm

Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	56	571	1 daN	+/-10mm
Tab A	56	478	5 daN	+/-10mm
Tab B	56	326	5 daN	+/-10mm



Span /2 7037.5
 Span /4 3518.75

Line plan IP X-One





Manufacture: **Niviuk gliders**
 Glider: **Icepeak X-One 25**

S/N: **PI410220**

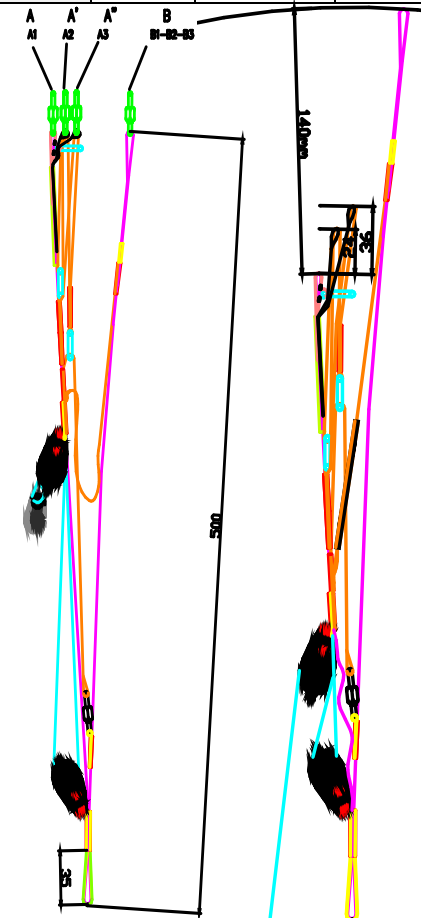
Done by: **Tim Rochas**

date: **10.03.2020**

Line measurement

Lines measurements with risers in mm under 5kg (from wing to bottom of risers)

Name	Manual	Sample mesured	Dif	Name	Manual	Sample mesured	Dif	Name	Manual	Sample mesured	Dif	Name	Manual	Sample mesured	Dif
a1	8676	8679	3	b1	8654	8655	0	c1	8676	8672	-5	d1	8783	8780	-3
a2	8539	8545	6	b2	8514	8521	7	c2	8501	8500	-2	d2	8609	8610	0
a3	8507	8510	2	b3	8483	8487	3	c3	8471	8469	-2	d3	8576	8578	1
a4	8559	8564	5	b4	8536	8537	0	c4	8568	8566	-3	d4	8667	8666	-1
a5	8445	8451	6	b5	8418	8422	4	c5	8444	8446	1				
a6	8259	8268	9	b6	8232	8240	8	c6	8238	8243	5				
a7	8149	8157	8	b7	8123	8132	9	c7	8144	8149	5				
a8	8132	8134	2	b8	8110	8114	4	c8	8182	8186	4				
a9	7877	7879	2	b9	7861	7867	5	c9	7902	7907	5				
a10	7786	7795	9					c10	7790	7796	6				
a11	7728	7737	9					c12	7737	7743	6				
a12	7741	7746	5					c13	7761	7762	1				
a13	7629	7630	1					c13	7638	7644	5				
a14	7619	7621	2					c14	7645	7647	2				



Risers measurements with carabiner in mm under 5kg (from bottom of risers to bottom of lines)

Risers Manual	
Position 1 (neutral)	
A	521
A'	522
A''	523
B	524
Δtrim (A-B)	-3
Position accélérée	
A	372
A'	396
A''	407
B	516
Δaccel (B-A)	144
Total speed range	141