

# Canopy dimensions REPORT

**Test report ref. number: CCC-NK0120**

Name: **Icepeak X-One** Place: **Le Chables**  
 Size: **22** Date of measurement: **10.03.2020**  
 Maximum load [kg]: **105** Inspector: **Tim Rochas**  
 Serial number: **IPXI2222V1**

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

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

Street: **Carrer del Ter 6 - nave D**  
 Post code / place: **17165 La Cellera de Ter - Girona**  
 Country: **(Spain)**  
 Tel: **+34 972 422 878**

## Canopy dimensions

	RIB nb from center	Measure mm	Tension	Tolerances
<b>Full Span</b>		13126	5 daN	2%
<b>1/2 Trailing Edge</b>		6723.5	5 daN	1%
<b>Chord A</b>	1	2087.3	1 daN	1%
<b>Chord B</b>	25	1818.2	1 daN	1%

Aspect ratio 4*span / (chord A+2.5*Chord B)
7.92

Nbr cells (total)
115

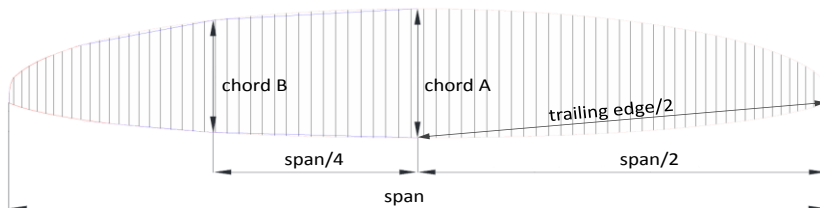
Scale factor / size 20
1.0454

## Chord length, inlet position, tabs position measured from trailing edge.

First fully lined RIB of group 1 (from center)				
	Rib n°	Distance	Tension	Tolerances
<b>Chord</b>	3	2073.4	1 daN	+/-10mm
<b>Top of inlet</b>	3	1992.5	5 daN	+/-10mm
<b>Bottom of inlet</b>	3	1970.3	5 daN	+/-10mm
<b>Tab Aa</b>	3	1809.9	5 daN	+/-10mm
<b>Tab Ab</b>	3	1664.4	5 daN	+/-10mm
<b>Tab B</b>	3	886.3	5 daN	+/-10mm
<b>Tab C</b>	3	669.7	5 daN	+/-10mm

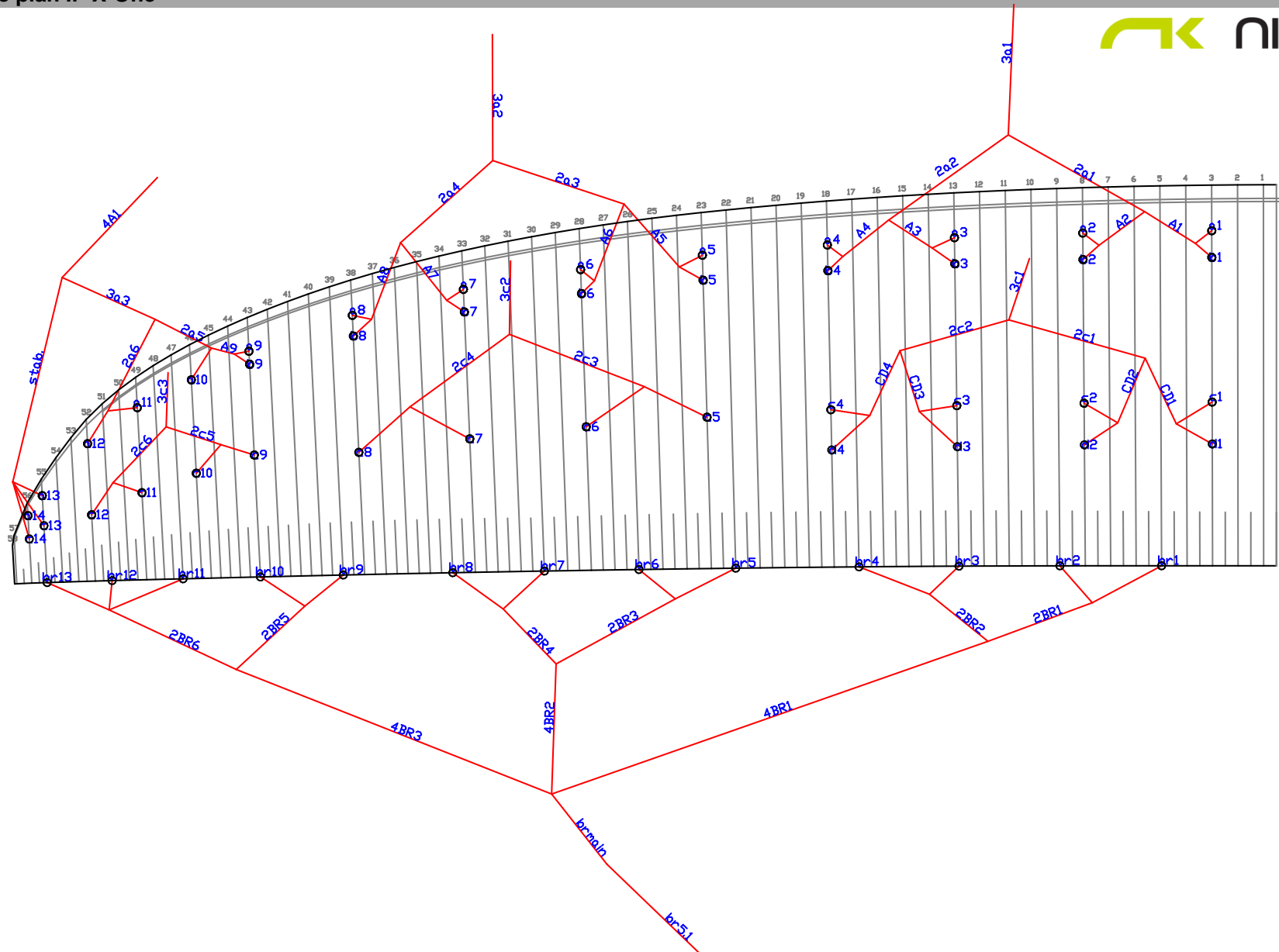
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
<b>Chord</b>	23	1860.2	1 daN	+/-10mm
<b>Top of inlet</b>	23	1786.4	5 daN	+/-10mm
<b>Bottom of inlet</b>	23	1769.5	5 daN	+/-10mm
<b>Tab Aa</b>	23	1620.5	5 daN	+/-10mm
<b>Tab Ab</b>	23	1494.2	5 daN	+/-10mm
<b>Tab B</b>	23	796.1	5 daN	+/-10mm

Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances
<b>Chord</b>	56	535.9	1 daN	+/-10mm
<b>Tab A</b>	56	444	5 daN	+/-10mm
<b>Tab B</b>	56	302.5	5 daN	+/-10mm



Span /2            6563  
 Span /4            3281.5

### Line plan IP X-One





Manufacture: **Niviuk gliders**  
 Glider: **Icepeak X-One 22**

S/N: **IPXI2222V1**

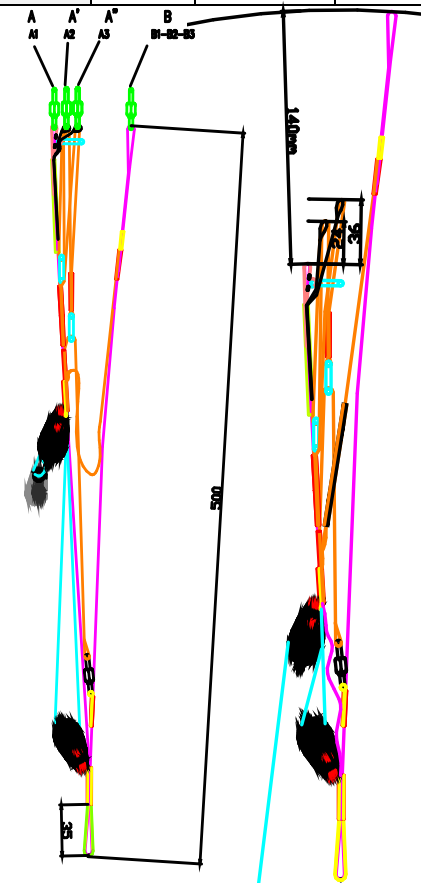
Done by: **Tim Rochas**

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	8150	8151	0	b1	8137	8138	1	c1	8151	8150	-2	d1	8252	8251	-1
a2	8020	8021	1	b2	8004	8006	2	c2	7984	7981	-3	d2	8087	8082	-5
a3	7988	7990	2	b3	7973	7977	3	c3	7953	7948	-6	d3	8054	8047	-8
a4	8035	8036	1	b4	8020	8022	2	c4	8042	8034	-8	d4	8136	8127	-9
a5	7925	7922	-3	b5	7907	7904	-3	c5	7926	7919	-7				
a6	7750	7750	0	b6	7732	7733	1	c6	7731	7729	-3				
a7	7645	7647	2	b7	7628	7632	4	c7	7642	7639	-3				
a8	7628	7628	0	b8	7615	7614	-1	c8	7676	7673	-4				
a9	7390	7399	9	b9	7375	7380	5	c9	7415	7423	7				
a10	7305	7312	7					c10	7311	7320	8				
a11	7249	7258	9					c12	7260	7267	6				
a12	7261	7268	7					c13	7282	7286	4				
a13	7158	7160	1					c13	7167	7172	4				
a14	7149	7152	2					c14	7173	7179	6				



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