

Canopy dimensions REPORT

Test report ref. number: CCC-NK0420

Name: **Icepeak X-One** Place: **Le Chables** Manufacturer name: **Niviuk gliders / Air Games** Paragliders permitted in FAI Category 1 Cross-Country events 2018 Edition Revision 1,9
 Size: **26** Date of measurement: **10.03.2020**
 Maximum load [kg]: **133** Inspector: **Tim Rochas** Street: **Carrer del Ter 6 - nave D**
 Serial number: **PI410226** Post code / place: **17165 La Cellera de Ter - Girona**
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Canopy dimensions

	RIB nb from center	Measure mm	Tension	Tolerances
Full Span		14510	5 daN	2%
1/2 Trailing Edge		7463	5 daN	1%
Chord A	1	2284	1 daN	1%
Chord B	25	1999	1 daN	1%

Aspect ratio
4*span / (chord A+2.5*Chord B)
7.97

Nbr cells (total)
115

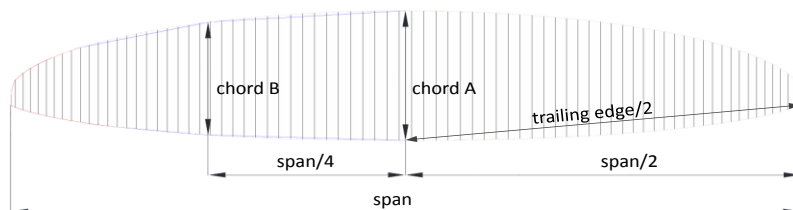
Scale factor / size 20
1.162

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

First fully lined RIB of group 1 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	3	2273	1 daN	+/-10mm
Top of inlet	3	2189	5 daN	+/-10mm
Bottom of inlet	3	2171	5 daN	+/-10mm
Tab Aa	3	1990	5 daN	+/-10mm
Tab Ab	3	1838	5 daN	+/-10mm
Tab B	3	976	5 daN	+/-10mm
Tab C	3	740	5 daN	+/-10mm

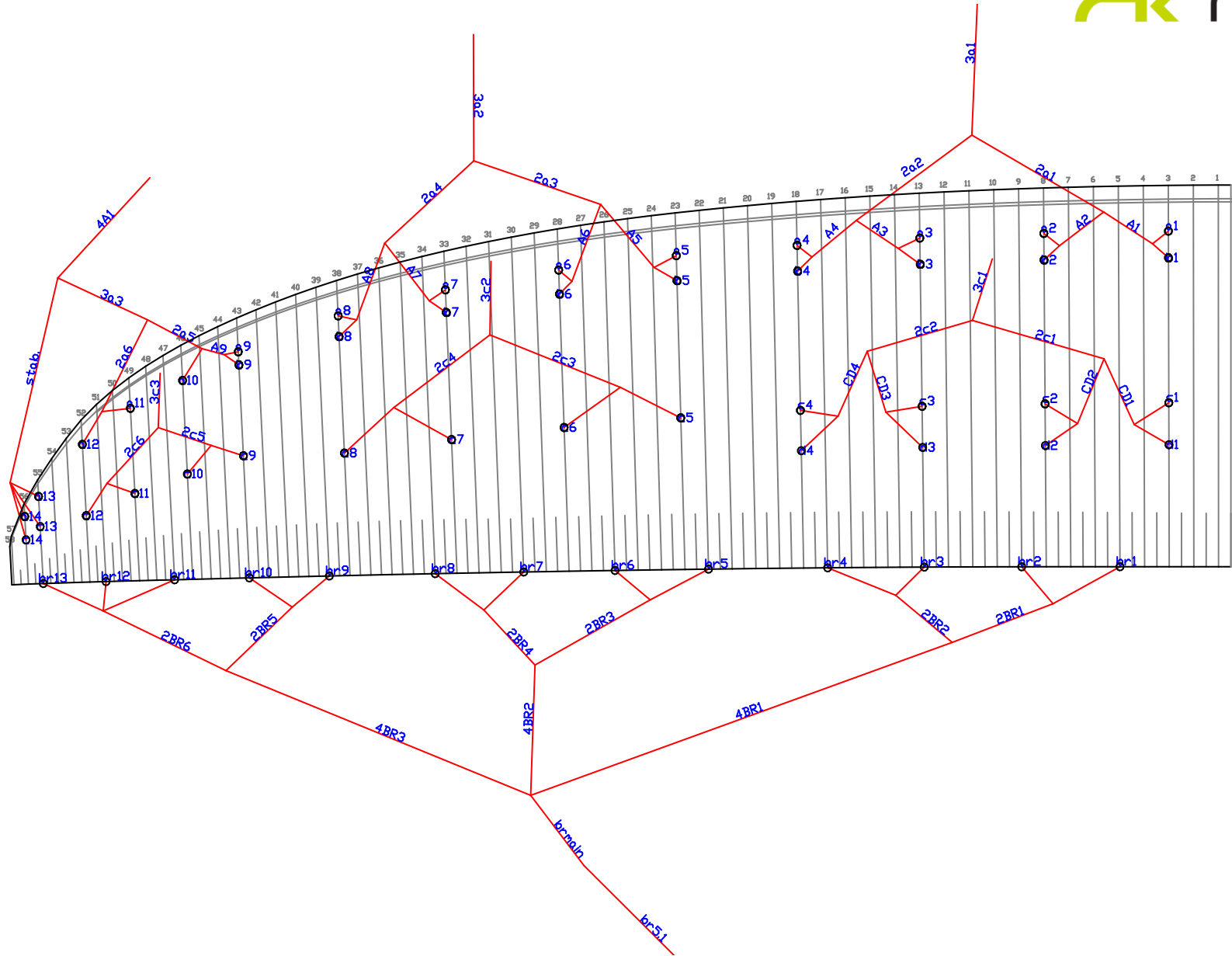
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	23	2023	1 daN	+/-10mm
Top of inlet	23	1961	5 daN	+/-10mm
Bottom of inlet	23	1948	5 daN	+/-10mm
Tab Aa	23	1785	5 daN	+/-10mm
Tab Ab	23	1642	5 daN	+/-10mm
Tab B	23	863	5 daN	+/-10mm

Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	56	590	1 daN	+/-10mm
Tab A	56	490	5 daN	+/-10mm
Tab B	56	331	5 daN	+/-10mm



Span /2 7255
 Span /4 3627.5

Line plan IP X-One





Manufacturer: **Niviuk gliders**
 Glider: **Icepeak X-One 26**

S/N: **PI410226**

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	Simple mesure	Dif	Name	Manual	Simple mesure	Dif	Name	Manual	Simple mesure	Dif	Name	Manual	Simple mesure	Dif
a1	8989	8990	1	b1	8966	8967	1	c1	8989	8995	6	d1	9098	9099	1
a2	8849	8850	1	b2	8824	8827	3	c2	8808	8815	7	d2	8919	8923	4
a3	8817	8819	2	b3	8793	8796	3	c3	8778	8785	7	d3	8886	8891	5
a4	8871	8874	3	b4	8850	8855	5	c4	8879	8878	-1	d4	8980	8981	1
a5	8764	8755	-9	b5	8737	8733	-4	c5	8751	8752	1				
a6	8567	8567	0	b6	8540	8543	3	c6	8538	8543	5				
a7	8447	8449	2	b7	8421	8422	1	c7	8441	8442	1				
a8	8418	8422	4	b8	8398	8408	10	c8	8480	8479	-1				
a9	8170	8166	-4	b9	8154	8154	0	c9	8195	8191	-4				
a10	8077	8079	2					c10	8080	8080	0				
a11	8015	8016	1					c12	8024	8023	-1				
a12	8029	8030	1					c13	8049	8047	-2				
a13	7910	7911	1					c13	7918	7920	2				
a14	7899	7900	1					c14	7925	7929	4				



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