

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
Full Span		13126	5 daN	2%
1/2 Trailing Edge		6723.5	5 daN	1%
Chord A	1	2087.3	1 daN	1%
Chord B	25	1818.2	1 daN	1%

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

Nbr cells (total)
115

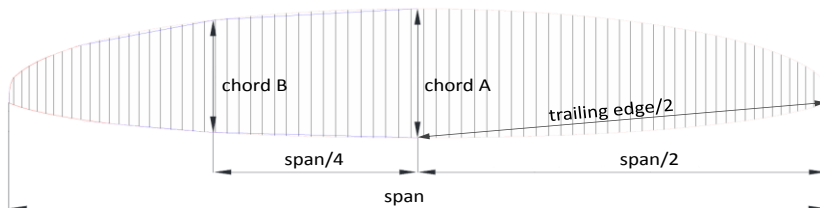
Scale factor / size 20
1.0454

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

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

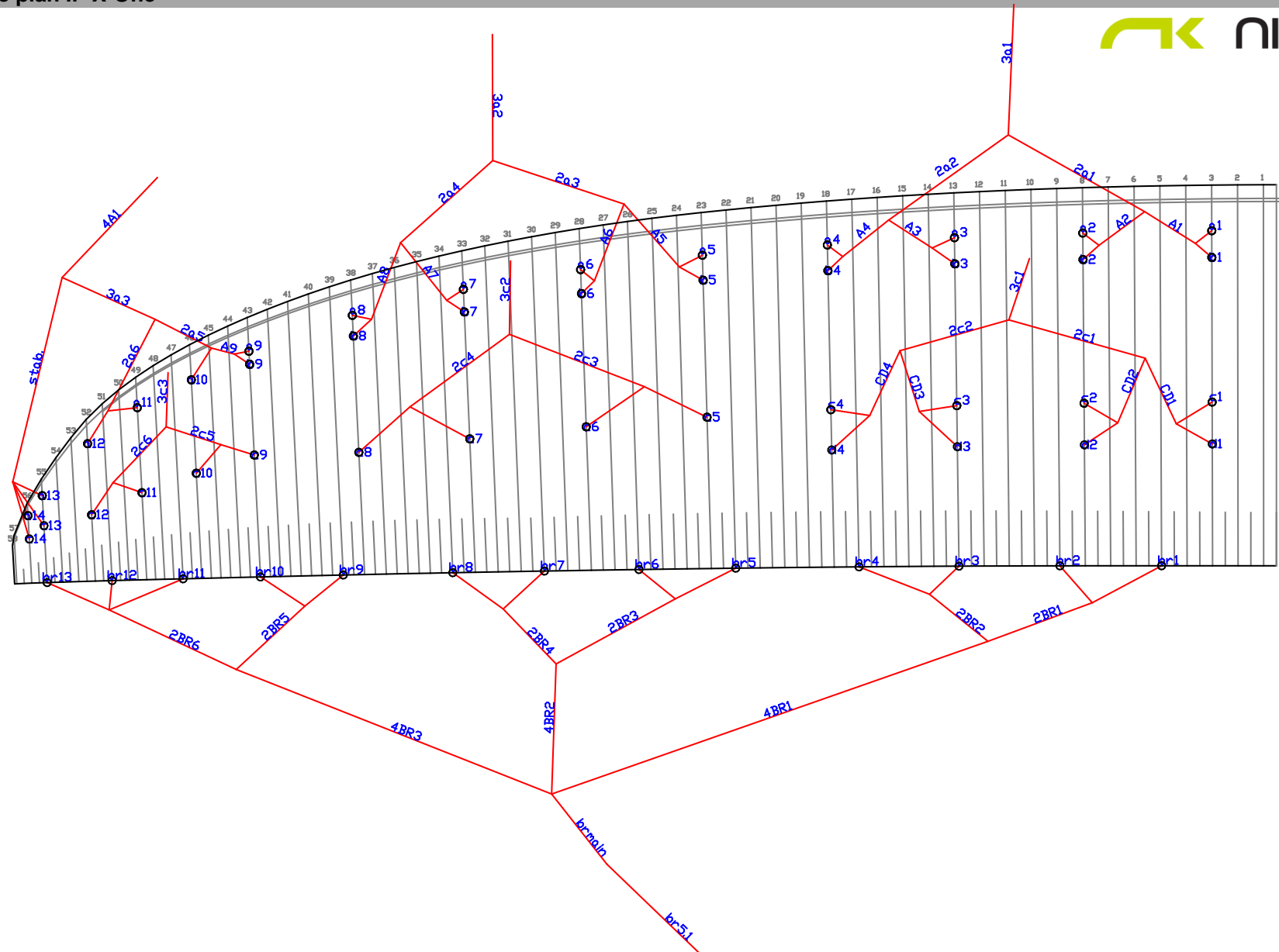
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	23	1860.2	1 daN	+/-10mm
Top of inlet	23	1786.4	5 daN	+/-10mm
Bottom of inlet	23	1769.5	5 daN	+/-10mm
Tab Aa	23	1620.5	5 daN	+/-10mm
Tab Ab	23	1494.2	5 daN	+/-10mm
Tab B	23	796.1	5 daN	+/-10mm

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

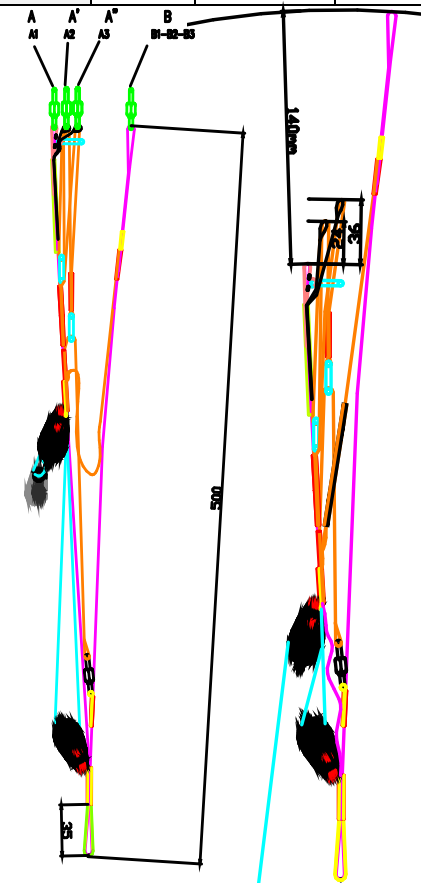
Done by: **Tim Rochas**

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

Canopy dimensions REPORT

Test report ref. number: CCC-NK0220

Name: **Icepeak X-One** Place: **Le Chables**
 Size: **24** Date of measurement: **10.03.2020**
 Maximum load [kg]: **112** Inspector: **Tim Rochas**
 Serial number: **IPXI2224V1**

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
Full Span		13519.4	5 daN	2%
1/2 Trailing Edge		6931.4	5 daN	1%
Chord A	1	2153	1 daN	1%
Chord B	25	1870.8	1 daN	1%

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

Nbr cells (total)
115

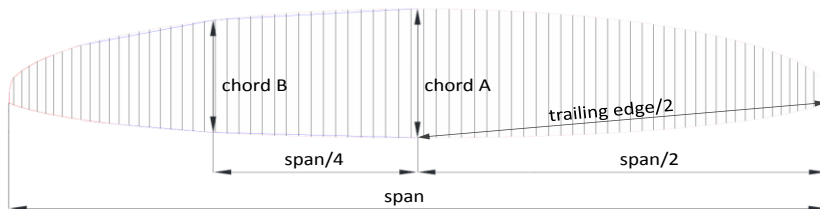
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Chord lenght, inlet position, tabs position measured from trailing edge.

First fully lined RIB of group 1 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	3	2130.5	1 daN	+/-10mm
Top of inlet	3	2051.2	5 daN	+/-10mm
Bottom of inlet	3	2032.9	5 daN	+/-10mm
Tab Aa	3	1858.3	5 daN	+/-10mm
Tab Ab	3	1716.2	5 daN	+/-10mm
Tab B	3	920.9	5 daN	+/-10mm
Tab C	3	688.8	5 daN	+/-10mm

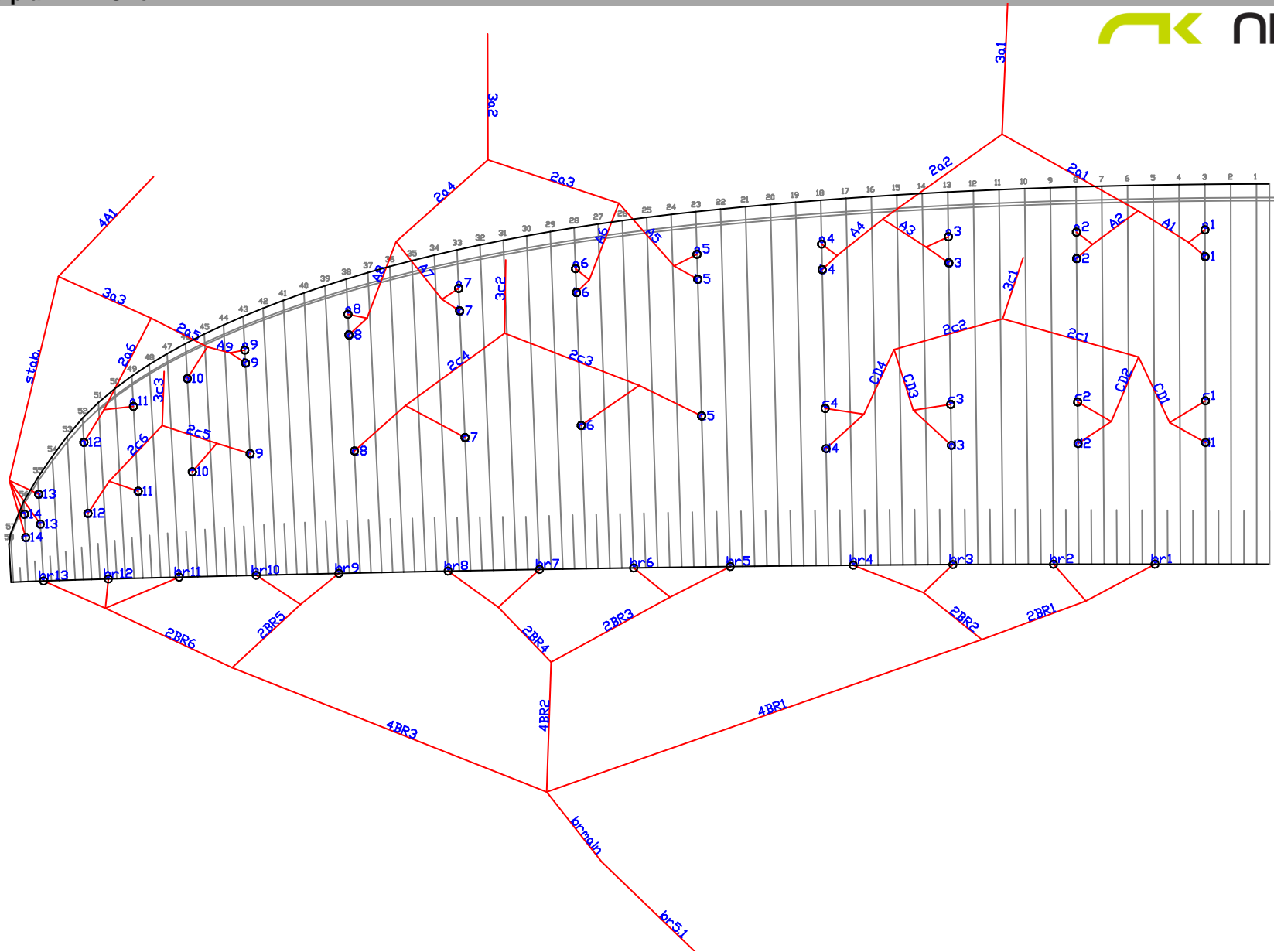
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	23	1915.7	1 daN	+/-10mm
Top of inlet	23	1840.9	5 daN	+/-10mm
Bottom of inlet	23	1820.6	5 daN	+/-10mm
Tab Aa	23	1673.2	5 daN	+/-10mm
Tab Ab	23	1538.5	5 daN	+/-10mm
Tab B	23	815.4	5 daN	+/-10mm

Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	56	548.8	1 daN	+/-10mm
Tab A	56	464.7	5 daN	+/-10mm
Tab B	56	314.2	5 daN	+/-10mm



Span /2 6759.7
 Span /4 3379.85

Line plan IP X-One





Manufacture: **Niviuk gliders**
 Glider: **Icepeak X-One 24**

S/N: **IPXI2224V1**

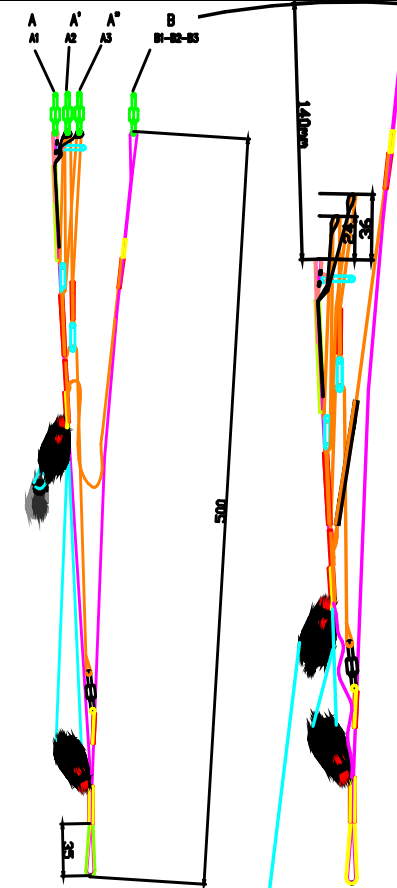
Done by: **Tim Rochas**

date: **10.03.2020**

Line measurement

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

Name	Manual	Sample measured	Dif	Name	Manual	Sample measured	Dif	Name	Manual	Sample measured	Dif	Name	Manual	Sample measured	Dif
a1	8390	8393	3	b1	8372	8375	3	c1	8390	8391	1	d1	8494	8495	1
a2	8255	8259	4	b2	8235	8240	5	c2	8219	8222	3	d2	8324	8321	-3
a3	8224	8227	3	b3	8205	8208	3	c3	8189	8188	-1	d3	8292	8293	1
a4	8273	8280	7	b4	8254	8259	5	c4	8282	8276	-6	d4	8378	8375	-3
a5	8161	8168	7	b5	8139	8147	8	c5	8161	8165	4				
a6	7982	7990	8	b6	7960	7968	8	c6	7962	7966	4				
a7	7875	7881	6	b7	7853	7858	5	c7	7871	7876	5				
a8	7857	7860	3	b8	7841	7842	1	c8	7906	7907	1				
a9	7611	7617	6	b9	7596	7601	5	c9	7638	7640	2				
a10	7524	7534	10					c10	7530	7537	7				
a11	7466	7475	9					c11	7478	7486	8				
a12	7479	7487	8					c12	7501	7504	3				
a13	7373	7382	9					c13	7382	7386	4				
a14	7363	7369	6					c14	7388	7395	7				



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

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

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
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

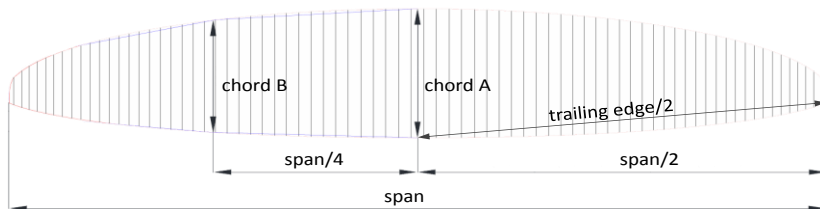
Scale factor / size 20
1.1185

Chord 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	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

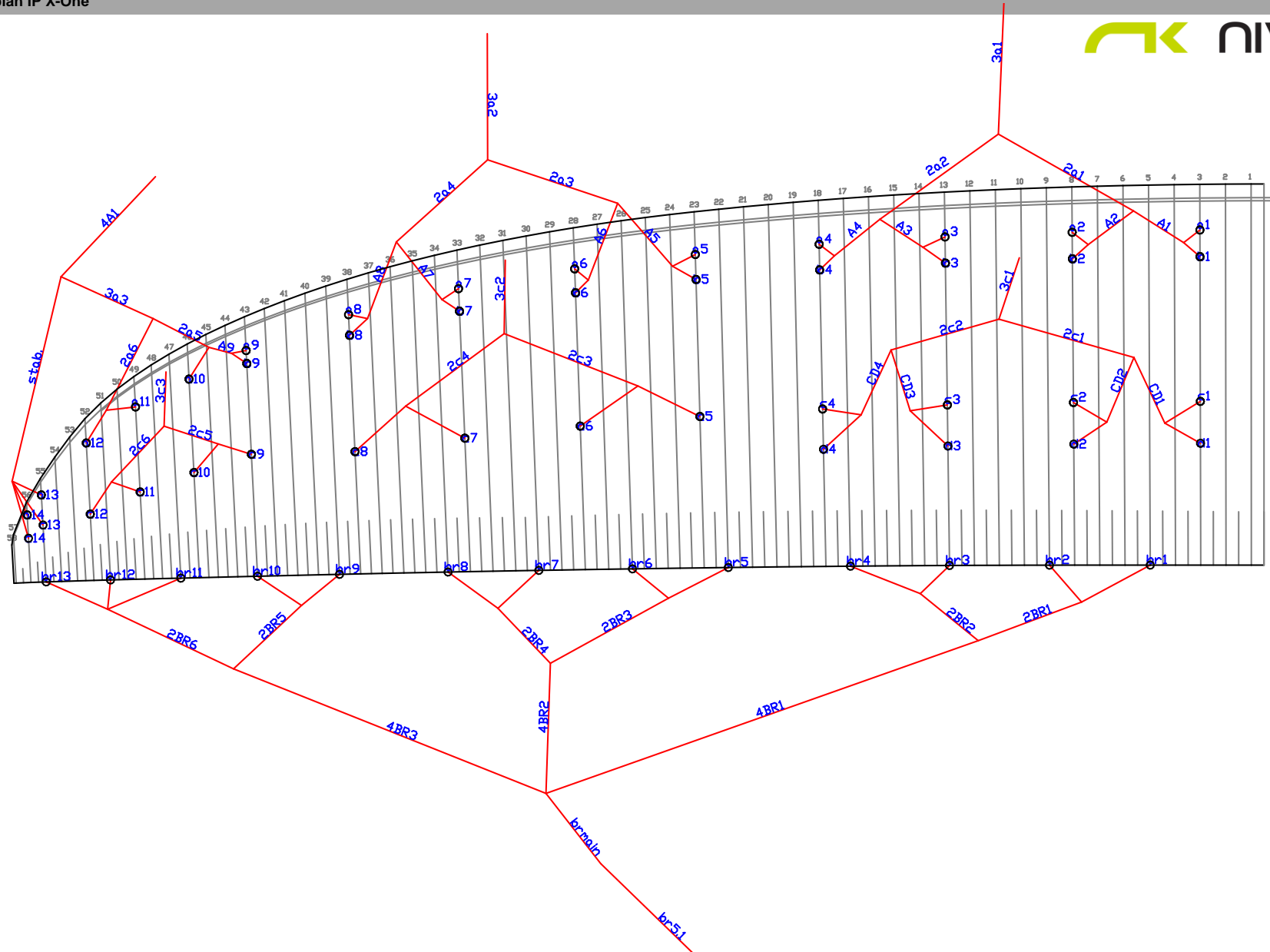
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	23	1961	1 daN	+/-10mm
Top of inlet	23	1895	5 daN	+/-10mm
Bottom of inlet	23	1882	5 daN	+/-10mm
Tab Aa	23	1720	5 daN	+/-10mm
Tab Ab	23	1591	5 daN	+/-10mm
Tab B	23	838	5 daN	+/-10mm

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**

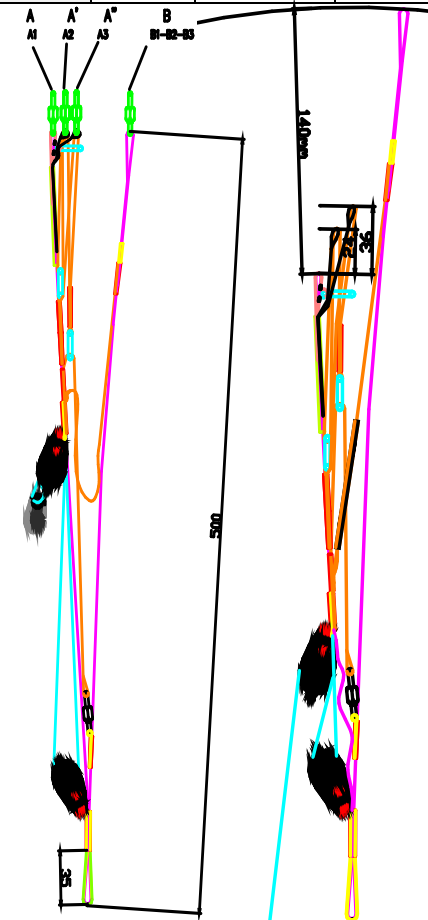
Done by: **Tim Rochas**

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

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**
 Country: **(Spain)**
 Tel: **T: +34 972 422 878**

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

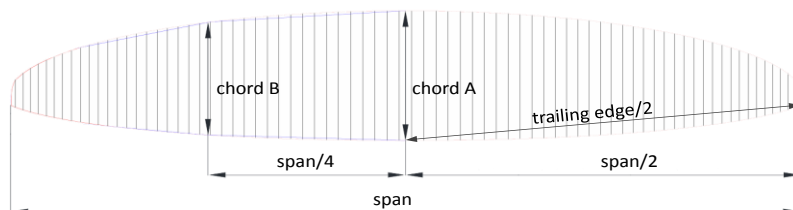
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Chord length, inlet position, tabs position measured from trailing edge.

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

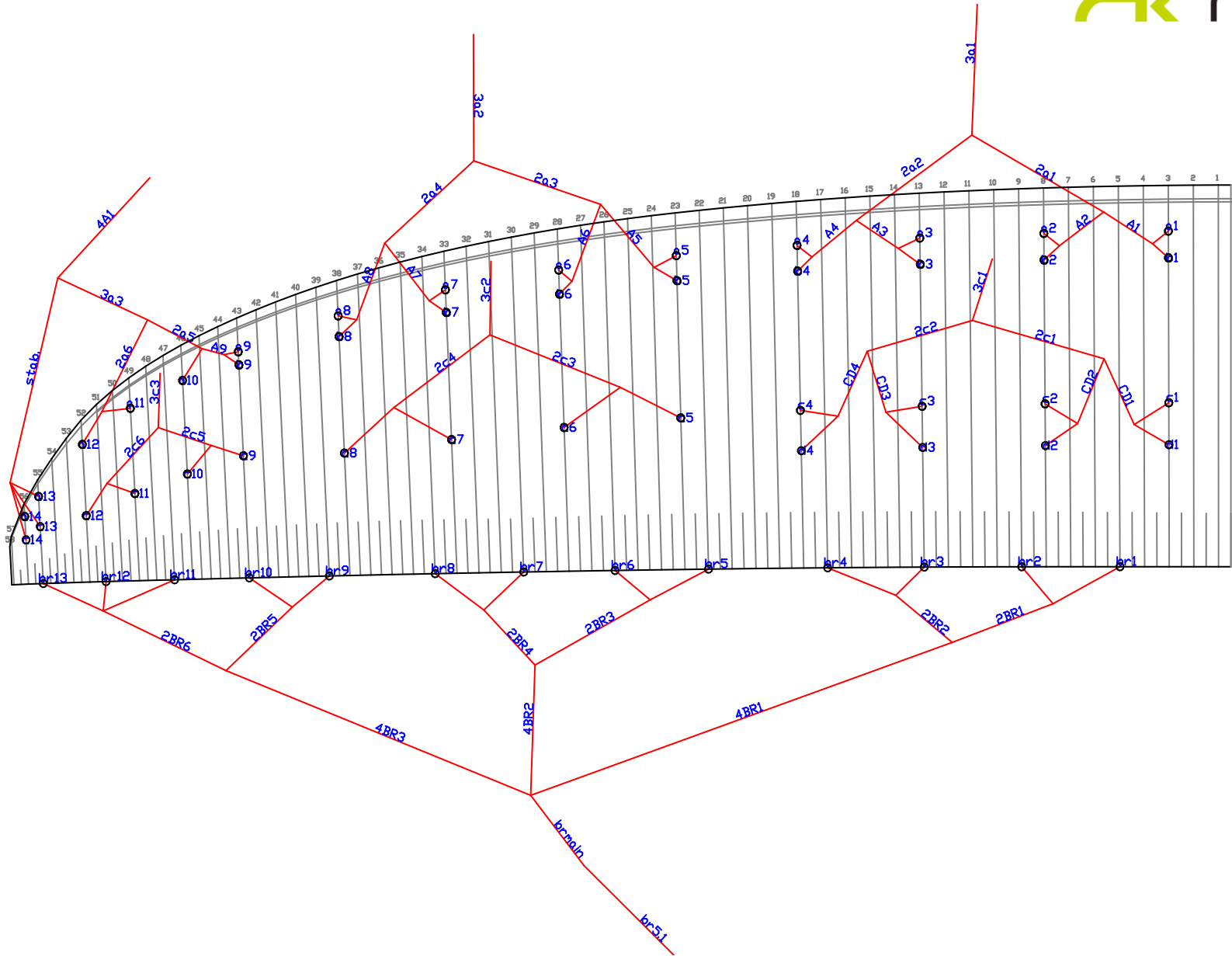
First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	23	2023	1 daN	+/-10mm
Top of inlet	23	1961	5 daN	+/-10mm
Bottom of inlet	23	1948	5 daN	+/-10mm
Tab Aa	23	1785	5 daN	+/-10mm
Tab Ab	23	1642	5 daN	+/-10mm
Tab B	23	863	5 daN	+/-10mm

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