

Canopy dimensions REPORT

Test report ref. number: CCC-NK0219

Name: Icepeak Evox	Place: Le Chables	Manufacturer name: Niviuk gliders / Air Games	Paragliders permitted in FAI Category 1 Cross-Country events 2018 Edition Revision 1.9
Size: 24	Date of measurement: 11.03.2019	Street: Carrer del Ter 6 - nave D	
Maximum load [kg]: 110	Inspector: Tim Rochas	Post code / place: 17165 La Cellera de Ter - Girona	
Serial number: OI 410109		Country: (Spain)	
Date of reception:		Tel T: +34 972 422 878	

Canopy dimensions

	RIB nb from center	Measure mm	Tension	Tolerances
Full Span		13380,4	5 daN	2%
1/2 Trailing Edge		6826,5	5 daN	1%
Chord A	1	2198,7	1 daN	1%
Chord B	20	1963,3	1 daN	1%

Aspect ratio
4*span / (chord A+2.5*Chord B)
7,53

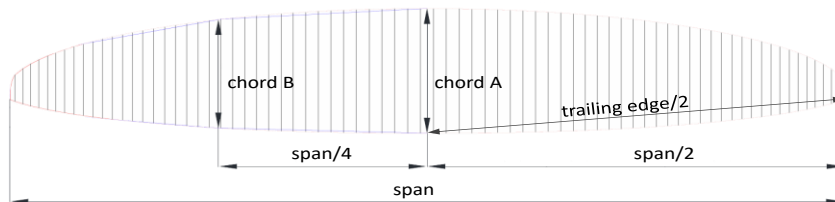
Nbr cells (total)
99

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	2178,3	1 daN	+/-10mm
Top of inlet	3	2098,4	5 daN	+/-10mm
Bottom of inlet	3	2056,6	5 daN	+/-10mm
Tab Aa	3	1882,3	5 daN	+/-10mm
Tab Ab	3	1773,6	5 daN	+/-10mm
Tab B	3	928,5	5 daN	+/-10mm
Tab C	3	705	5 daN	+/-10mm

First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	20	1958,3	1 daN	+/-10mm
Top of inlet	20	1893,1	5 daN	+/-10mm
Bottom of inlet	20	1860,3	5 daN	+/-10mm
Tab Aa	20	1686,8	5 daN	+/-10mm
Tab Ab	20	1590,9	5 daN	+/-10mm
Tab B	20	827,4	5 daN	+/-10mm

Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	49	529,6	1 daN	+/-10mm
Tab A	49	450	5 daN	+/-10mm
Tab B	49	302,6	5 daN	+/-10mm



Span /2 6690,2
 Span /4 3345,1



Manufacturer: **Niviuk gliders**
 Glider: **Icepeak Evox 24**

S/N: **OI 410109**

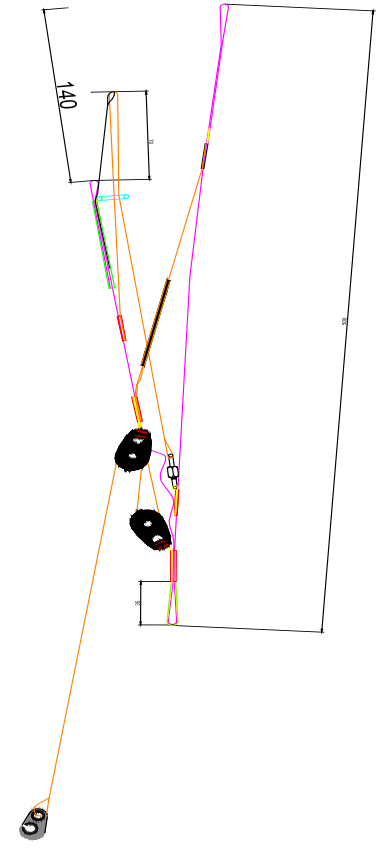
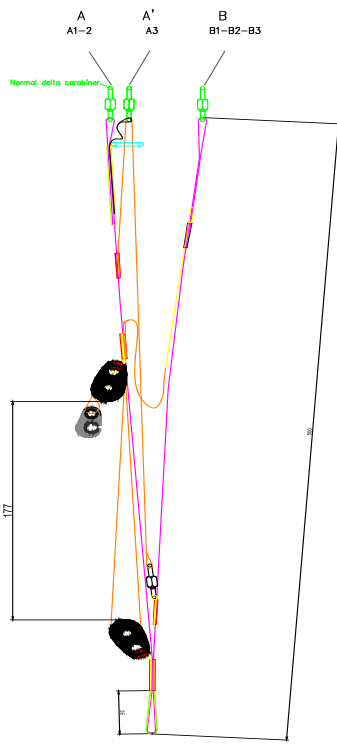
Done by: **Tim Rochas**

date: **11.03.2019**

Line measurement

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

Name	Manual	ample mesure	Dif	Name	Manual	ample mesure	Dif	Name	Manual	ample mesure	Dif	Name	Manual	ample mesure	Dif
a1	8246	8252	6	b1	8232	8238	6	c1	8239	8249	10	d1	8348	8356	8
a2	8128	8132	4	b2	8111	8121	10	c2	8098	8102	4	d2	8207	8214	7
a3	8098	8098	0	b3	8081	8085	4	c3	8071	8070	-1	d3	8178	8178	0
a4	8141	8143	2	b4	8127	8127	0	c4	8146	8146	0	d4	8248	8247	-1
a5	8026	8022	-4	b5	8010	8012	2	c5	8012	8012	0				
a6	7866	7871	5	b6	7849	7852	3	c6	7846	7849	3				
a7	7772	7773	1	b7	7755	7759	4	c7	7768	7774	6				
a8	7753	7753	0	b8	7742	7746	4	c8	7806	7810	4				
a9	7577	7573	-4					c9	7571	7576	5				
a10	7442	7443	1					c10	7449	7454	5				
a11	7388	7391	3					c12	7390	7393	3				
a12	7358	7366	8					c14	7414	7417	3				
a13	7348	7347	-1					c15	7260	7250	-10				
a14	7370	7367	-3					c16	7275	7279	4				
a15	7248	7251	3												
a16	7246	7258	12												



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

Risers Manual	
Position 1 (neutral)	
A	514
A'	517
B	516
Δ trim (A-B)	-2
Position 2 (accelerated)	
A	374
A'	444
B	516
Δ accel (B-A)	142
Total speed range	140

