

Canopy dimensions REPORT

st report ref. number: **CCC-020.2018**

Name: Icepeak Evox	Place: Villeneuve	Manufacturer name: Niviuk Gliders - Air Games
Size: 20	Date of measurement: 12.06.2018	Representative: Dominique Cizeau
Maximum load [kg]: 95	Inspector: Thurnheer Claude	Street: C. Del Ter, 6-Nave D
Serial number: 22-20 pattern V1		Post code / place: 17165 La Cellera de Ter Girona
Date of reception: 02.05.2018		Country: Spain

Canopy dimensions

	RIB nb from center	Measure mm	Tension	Tolerances
Full Span		12460	5 daN	2%
1/2 Trailing Edge		6352	5 daN	1%
Chord A	1	2048	1 daN	1%
Chord B	20	1826	1 daN	1%

Aspect ratio 4*span / (chord A+2.5*Chord B)
7.54

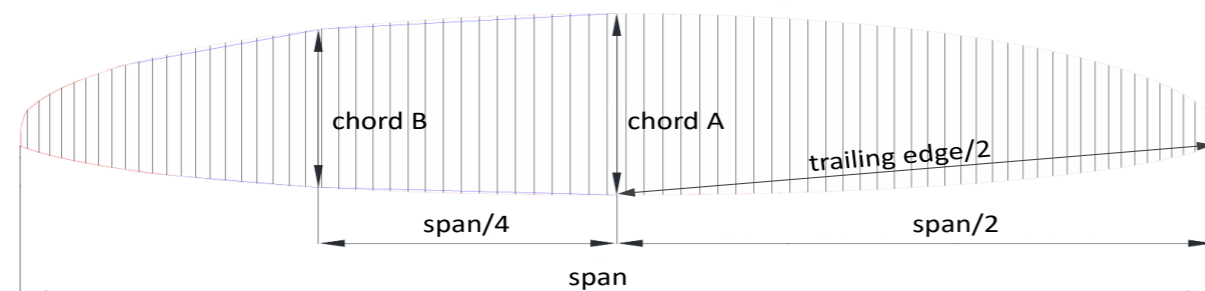
Nbr cells (total)
99

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	2048	1 daN	+/-10mm
Top of inlet	3	1972	5 daN	+/-10mm
Bottom of inlet	3	1932	5 daN	+/-10mm
Tab Aa	3	1747	5 daN	+/-10mm
Tab Ab	3	1652	5 daN	+/-10mm
Tab B	3	870	5 daN	+/-10mm
Tab C	3	657	5 daN	+/-10mm

First fully lined RIB of group 2 (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	20	1826	1 daN	+/-10mm
Top of inlet	20	1770	5 daN	+/-10mm
Bottom of inlet	20	1743	5 daN	+/-10mm
Tab Aa	20	1570	5 daN	+/-10mm
Tab Ab	20	1487	5 daN	+/-10mm
Tab B	20	787	5 daN	+/-10mm

Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances
Chord	49	509	1 daN	+/-10mm
Tab A	49	434	5 daN	+/-10mm
Tab B	49	284	5 daN	+/-10mm

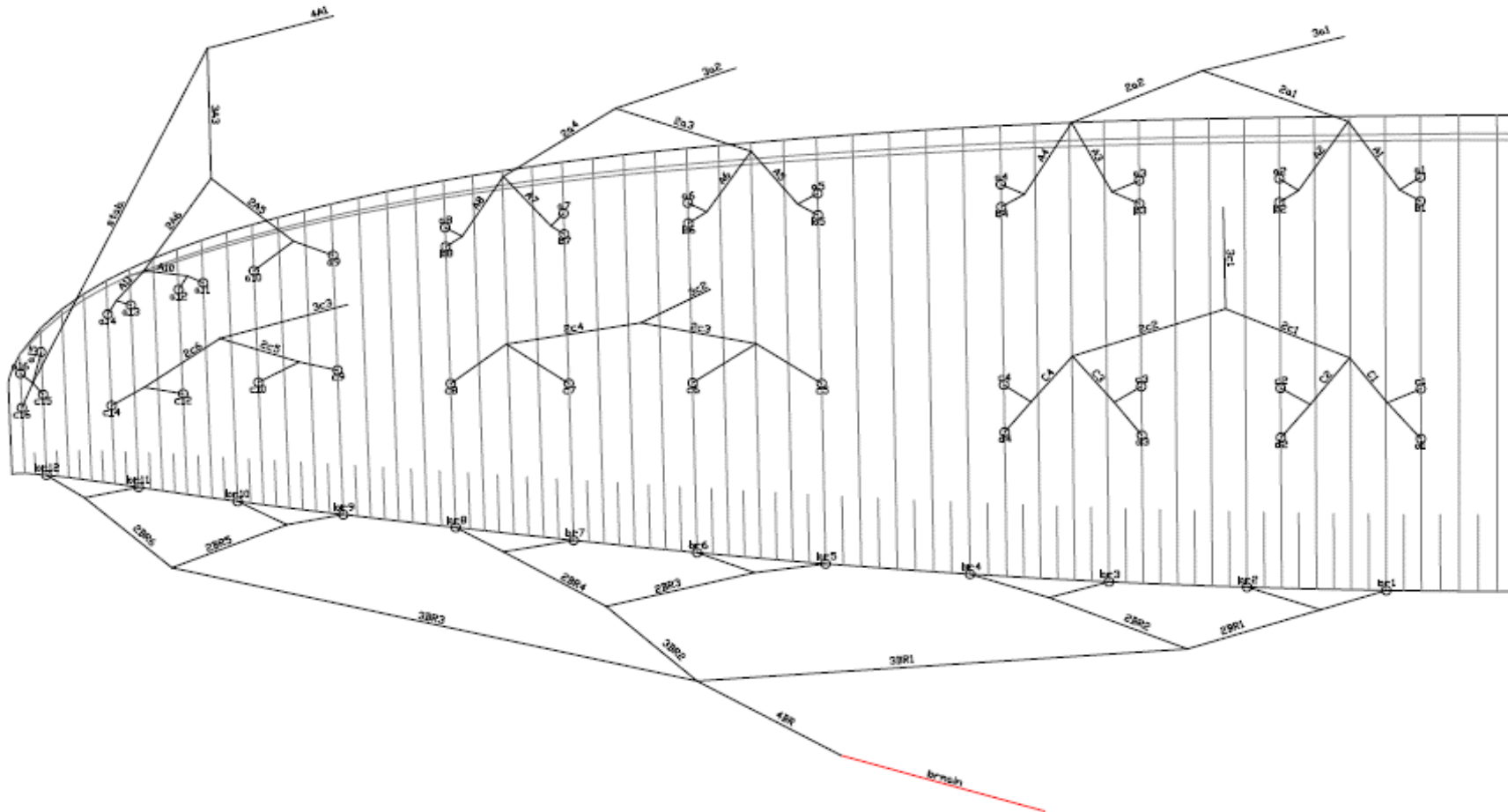


Span /2 6230
 Span /4 2820

The validation of this test report is given by the signature of the test manager on inspection certificate CCC Inspection certificate / 71.8.1 CCC

Line plan REPORT

Line plan



PG MEASUREMENT REPORT

MEASUREMENT OF FLIGHT TEST SAMPLE

CCC

Report number : **CCC_020.2018**
 Manufacturer : **Niviuk Gliders**

Sample name: **Icepeak Evox 20**
 S/N: **22-20 Pattern V1**

Execution date: **05.07.2018**
 Responsible: **Claude Thurnheer**

Execution place: **Villeneuve**

TOTAL LINE LENGTH WITH RISER [mm] | Main brake line diff color than A,B,C main line? **Yes**

	A			B			C			D			E			STAB			BRAKES			+strap	
	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Sample	
Center	1	7610	7614	4	7595	7600	5	7613	7615	2	7714	7715	1						7932	7940	8		
	2	7499	7501	2	7482	7486	4	7479	7480	1	7582	7586	4						7632	7639	7		
	3	7468	7477	9	7451	7454	3	7452	7453	1	7554	7554	0						7509	7512	3		
	4	7506	7513	7	7492	7497	5	7519	7517	-2	7615	7611	-4						7559	7561	2		
	5	7398	7405	7	7382	7390	8	7392	7381	-11									7358	7358	0		
	6	7248	7252	4	7231	7237	6	7238	7229	-9									7153	7156	3		
	7	7161	7168	7	7144	7150	6	7165	7161	-4									7070	7075	5		
	8	7142	7145	3	7130	7135	5	7199	7192	-7									7132	7132	0		
	9	6979	6977	-2				6982	6983	1										6952	6953	1	
	10	6855	6856	1				6870	6870	0										6836	6837	1	
	11	6804	6799	-5				6815	6819	4										6807	6810	3	
	12	6776	6776	0				6837	6835	-2										6912	6910	-2	
	13	6767	6766	-1				6687	6686	-1													
	14	6787	6787	0				6701	6700	-1													
Wing tip	15	6676	6678	2																			
	16	6674	6674	0																			
	17																						
	18																						

Tolerance line | [mm] **10**

MEASUREMENT TOTAL RISER LENGTH [mm] | Inner edge

Total length risers (with carabiners)	Risers	trim	accel
A	524	422	
A'	523	471	
B	523	523	
C			
D			
Acc.	102	*[mm]	
Trimmer	n/a	[mm]	

Total length risers (without carabiners)	Risers	trim	accel
A	496	394	
A'	495	443	
B	495	495	
C			
D			
Acc.	102	*[mm]	
Trimmer	n/a	[mm]	

* travel range (distance btw A to rear riser)

Number of risers :	2
Tolerance [mm]:	5
Carabiner I [mm]	28
Tolerance [mm]:	2
Number of cell:	99
Weight of glider [kg]	5.80

Stabilo line attached to Risers : **A**

Speed system configuration max travel in flight: **TOUCH**

