



FAI Category 1 Cross-Country events
2016 Edition | Revision 1 | 01 Febr 2016

ACKNOWLEDGMENT of CONFORMITY

Air Turquoise SA,

Having thoroughly tested in flight and strength
following CCC regulations

Manufacturer: **BGD**
Address: Am Gewerbepark 2
9413 St-Gertraud
Austria

Glider model: **Diva XS**
Evaluation Date: 25.04.2017

S/N: BG0451025P

Conformity number: CCC_019.2017
Place of test: Villeneuve
Classification: **FAI CCC**

Total weight in flight: maxi 90 kg

Delivery date: 25/04/2017

Alain Zoller
Director
Air Turquoise SA

AIR TURQUOISE SA
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Canopy dimensions REPORT

st report ref. number: **CCC-019.2017 BGD - DIVA XS**

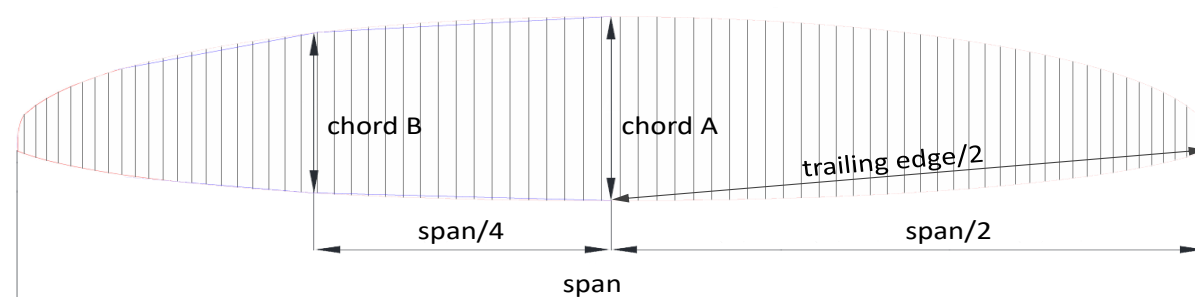
Name: DIVA	Place: Villeneuve	Manufacturer name: BGD GmbH	Paragliders permitted in FAI Category 1 Cross-Country events 2016 Edition Revision 1
Size: XS	Date of measurement: 26.04.2017	Representative: Bruce Goldsmith	
Maximum load [kg]: 90	Inspector: Thurnheer Claude	Street: Am Gewerbepark 2	
Serial number: BG0451025P		Post code / place: 9413 St-Gertraud	
Date of reception: 30.03.2017		Country: Austria	

Canopy dimensions

	RIB nb from center	Measure mm	Tension	Tolerances	Aspect ratio 4*span / (chord A+2.5*Chord B)	Nbr cells (total)
Full Span		12468	5 daN	2%	7.51	73
1/2 Trailing Edge		6233	5 daN	1%		
Chord A	1	2023	1 daN	1%		
Chord B	16	1848	1 daN	1%		

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

First fully lined RIB of group 1 (from center)					First fully lined RIB of group 2 (from center)					Last lined rib (stabilo) (from center)				
	Rib n°	Distance	Tension	Tolerances		Rib n°	Distance	Tension	Tolerances		Rib n°	Distance	Tension	Tolerances
Chord	3	2023	1 daN	+/-10mm	Chord	16	1848	1 daN	+/-10mm	Chord	33	1005	1 daN	+/-10mm
Top of inlet	3	1933	5 daN	+/-10mm	Top of inlet	16	1755	5 daN	+/-10mm	Tab A	33	853	5 daN	+/-10mm
Bottom of inlet	3	1907	5 daN	+/-10mm	Bottom of inlet	16	1732	5 daN	+/-10mm	Tab B	33	443	5 daN	+/-10mm
Tab Aa	3	1767	5 daN	+/-10mm	Tab Aa	16	1609	5 daN	+/-10mm					
Tab Ab	3	1654	5 daN	+/-10mm	Tab Ab	16	1504	5 daN	+/-10mm					
Tab B	3	895	5 daN	+/-10mm	Tab B	16	810	5 daN	+/-10mm					
Tab C	3	515	5 daN	+/-10mm	Tab C	16	465	5 daN	+/-10mm					

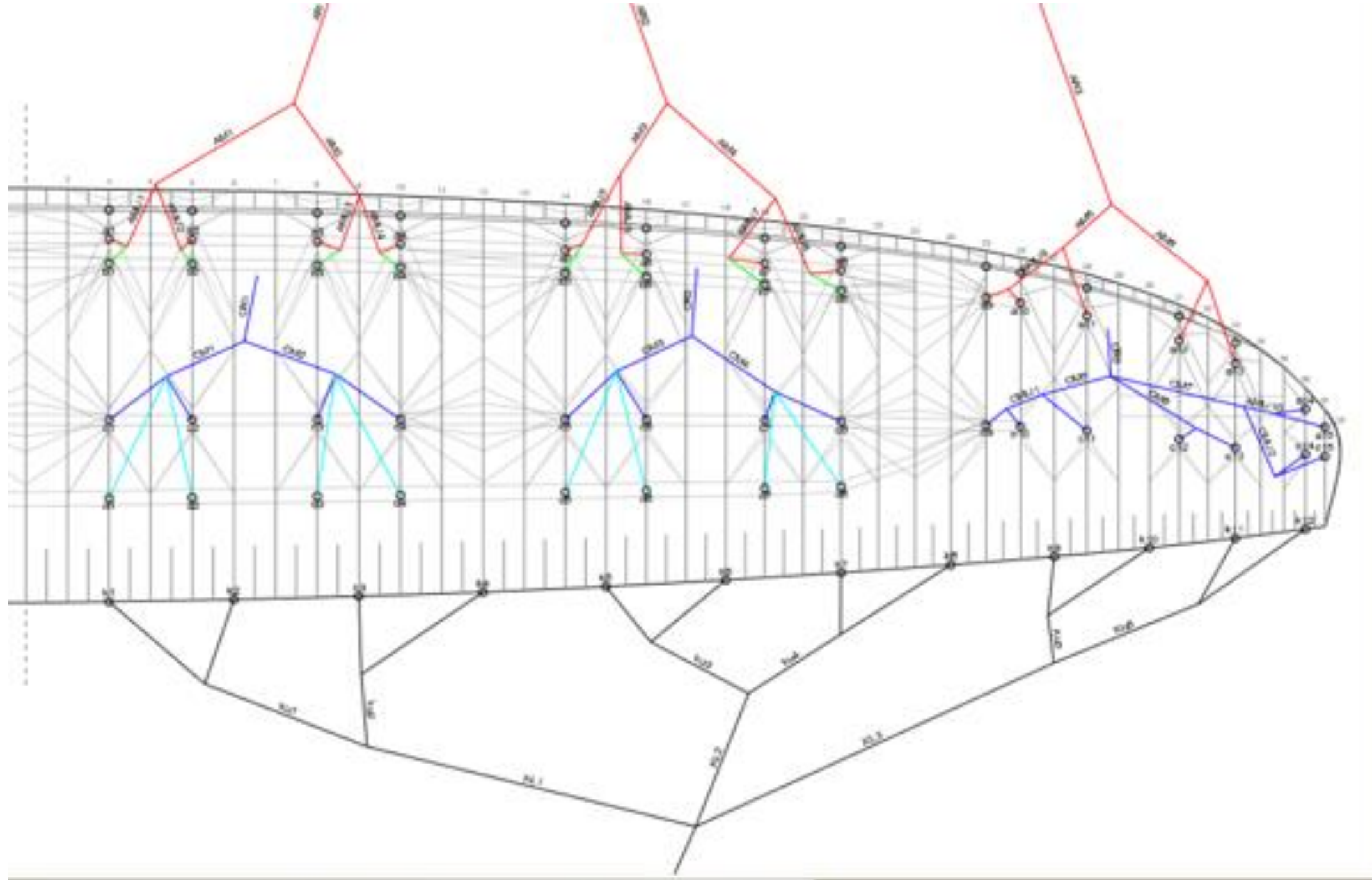


The validation of this test report is given by the signature of the test manager on inspection certificate CCC Inspection certificate / 71.8.1 CCC

Line plan REPORT

CCC 2

Line plan



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Line measurement

CCC 3

LINE LENGHT from inner riser to canopy in [mm] with 50 [N] of tension (full lenght included risers)

	A			A'			B			B'			ST			BRAKE+STRAP			FL	
	Manual	Glider	Diff	Manual	Glider	Diff	Manual	Glider	Diff	Manual	Glider	Diff	Manual	Glider	Diff	Manual	Glider	Diff	Glider	
Center	1	7690	7690	0	7666	7666	0	7696	7687	-9	7845	7832	-13			0	8090	8041	-49	7699
	2	7622	7622	0	7597	7597	0	7623	7616	-7	7780	7771	-9			0	7849	7800	-49	7539
	3	7596	7598	2	7571	7571	0	7596	7584	-12	7747	7734	-13			0	7678	7629	-49	7489
	4	7623	7623	0	7600	7598	-2	7622	7611	-11	7769	7754	-15			0	7630	7583	-47	7549
	5	7553	7557	4	7530	7535	5	7549	7535	-14	7688	7676	-12			0	7482	7434	-48	7440
	6	7471	7474	3	7448	7451	3	7467	7456	-11	7611	7599	-12				7310	7261	-49	7270
	7	7409	7415	6	7387	7393	6	7406	7396	-10	7539	7524	-15				7233	7183	-50	7195
	8	7413	7416	3	7395	7398	3	7415	7404	-11	7544	7530	-14				7258	7209	-49	7210
	9	7252	7244	-8				7284	7275	-9							7121	7072	-49	6998
	10	7198	7191	-7				7228	7222	-6							7011	6961	-50	6833
	11	7103	7096	-7				7130	7121	-9							6945	6898	-47	6731
	12	6983	6974	-9				6985	6973	-12							6924	6877	-47	6734
	13	6947	6938	-9				6928	6914	-14										
	Wing tip	14	6794	6787	-7			6804	6796	-8										
15		6750	6743	-7			6761	6754	-7											

Quantity of risers strap:	2
Tolerance [mm]:	5
Carabiner l [mm]	27
Tolerance [mm]:	2
Number of cell:	73
Weight of glider [kg]	5.04

Risers : **A'**

CL
n/a

RFL
736

Uncertainty k2 of measurement **3.00** [mm]

Total length measured from the underside of the wing to the inner edge of the risers and with a tension of 50 [N]

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Risers measurement REPORT

Riser length Manual with carabiner

Risers	trim	accel
A	530	431
A'	527	477
B	528	528
Acc.	99	*[mm]
Trimmer	n/a	[mm]

Total length risers (without carabiners)	Risers	trim	accel
	A	503	404
	A'	500	450
	B	501	501
	Acc.	99	*[mm]
	Trimmer	n/a	[mm]

* Travel range (distance btw A to rear riser)

Riser draw



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Drawings

