AIR TURQUOISE SA | PARA-TEST.COM

Route du Pré-au-Compte 8 * CH-1844 Villeneuve * +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Flight test report: EN 926-2:2013+A1:2021 and NfL 2024-2-785

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Manufacturer BGD GmbH		Certification number		r PG_2557.2025		
Address Am Gewerbepark 11			Flight test		18.09.2024	
	9413 St-Gertraud					
	Austria				_	
Glider model	Breeze S		Classification		B	
Serial number	BG1230030A		Representative		Tyr	
Trimmer	no		Place of test		Villeneuve	
Folding lines used	no					
Test pilot		Nicole Fedele			Claude Thurnheer	
Harness		Woody Valley srl Wani Light 2 S		Advance Thun AG Success 4 M		
Harness to risers d	istance [cm]	41	-		43	
Distance between r	isers [cm]	40			44	
Total weight in fligh	nt [kg]	65		85		
1. Inflation/Take-off		В				
Rising behaviour				В	Easy rising, some pilot correction is required	В
Special take off technique	required	No	No A		No	A
2. Landing		А				
Special landing technique	required	No		А	No	А
0. On a state start which fill wh		-				
3. Speed in straight fligh Trim speed more than 30		B Yes		A	Yes	А
min speed more than 50	N11/11	100				~
Speed range using the co	ntrols larger than 10 km/h	Yes A		Yes	А	
Minimum speed		Less than 25 km/h		А	25 km/h to 30 km/h	в
4. Control movement		Α				
4. Control movement	to 80 kg	A				
Max. weight in flight up to 80 kg Symmetric control pressure / travel		Increasing / greater than 55 cm A		А	not available	0
Symmetric control pressure / travel		0.0				
Max. weight in flight 80 kg to 100 kg		ant evellette				
Symmetric control pressure / travel		not available		0	Increasing / greater than 60 cm	A
Max. weight in flight gre	ater than 100 kg					
Symmetric control pressure / travel		not available		0	not available	0
5. Pitch stability exiting	accelerated flight	А				
5. Pitch stability exiting accelerated flight Dive forward angle on exit		Dive forward less than	1 30°	A	Dive forward less than 30°	А
Collapse occurs		No		A	No	A
6. Pitch stability operating controls during accelerated flight		A				
Collapse occurs		No		А	No	А
7. Roll stability and damping		Α				
Oscillations		Reducing		А	Reducing	А
8. Stability in gentle spirals		Α				
Tendency to return to straight flight		Spontaneous exit		A	Spontaneous exit	А

The validation of this test report is given by the signature of the test manager on inspection certificate 91.20 // Rev 08 | 02.02.2025 // ISO | 91.22 // Page 1 of 4

Initial response of glider (first 180°)No immediate reastorNo immediate reastorNo immediate reastorNo immediate reastorNoTendency to return to straight fightSectemang and the fightLess flan 70%, sontaneous recoveryNoNoNo10. Symmetric front collapse Approximativy 30% chordBEntryRodring tack less flan 45°NNoNoNoRecoverySectemand in 15 to 5 sSSDestemand in 15 to 5 sNoNoCascade occursNoNoNoNoNoNoCascade occursNoNoNoNoNoNo<	9. Behaviour exiting a fully developed spiral dive	В			
International and	Initial response of glider (first 180°)	No immediate reaction	В	No immediate reaction	В
Description B Entry Recking back less than 40° A Recking back less than 40° A Recovery Operationeum in 3 to 5 s D Sportameous in 4 so 5 s D Sportameous in 4 so 5 s A Cascade occurs No A No A No A Recovery Operation could of the 30° / Keeping counce A No A A Recovery Operation could of the 30° / Keeping counce A No A A Obter forward ding con could / Change of course No Counce and 0 the 30° / Keeping counce A No Cascade occurs No No A No A No A Oute forward ding con could / Change of course Dobe forward 0 the 30° / Keeping counce	Tendency to return to straight flight		A		A
Approximately 39 % chord Reading back less than 40 ⁷ A B Sportmension in 3 to 5 is B Sportmension in 3 to 5 is A A Cascade occurs No No A No A No A Folding lines used No No A No A No A At less 150%, chord Reading back less than 40 ⁷ A Reading back less th	Turn angle to recover normal flight	Less than 720°, spontaneous recovery	A	Less than 720°, spontaneous recovery	A
Recovery Spontameous in 3 to 5 S B Spontameous in 10 to 5 V A Dive forward angle on exit Change of course Dive forward 0' to 30' / Keeping course A Dive forward 0' to 30' / Keeping course A Cascade occurs No A No A Folding lines used No A No A At least 50% chord Entry Rocheng back less than 45° A Rocheng back less than 45° A Recovery Spontameous in 3 to 5 S B Spontameous in less than 3 S A Dive forward ongle on exit / Change of course Dive forward 0'to 30' / Keeping course A No A Cascade occurs No No A No No A Cascade occurs No A No No A Recovery Spontameous in 3 to 5 S B Spontameous in less than 3 G A Cascade occurs No A No A A Dive forward angle on exit / Change of course Dive forward 0' to 30' / Keeping course A No A Dive forward angle on exit / Change of course Dive forward 0' to 30		В			
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13. Recovery from a developed full stall A Dive forward angle on exit Dive forward 0° to 30° A Dive forward 0° to 30° A Collapse No collapse A No collapse A No collapse A			A	Spontaneous in less than 3 s	A
Dive forward angle on exit Dive forward 0° to 30° A Dive forward 0° to 30° A Collapse No collapse A No collapse A	Cascade occurs	No	A	No	A
			A	Dive forward 0° to 30°	A
	Collapse	No collapse	A	No collapse	А
Cascade occurs (other than collapses) No A No A	Cascade occurs (other than collapses)	No	A	Νο	A

Rocking back	Less than 45°	А	Less than 45°	А
Line tension	Most lines tight	А	Most lines tight	A
14. Asymmetric collapse	В			
Small asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 0° to 15°	A	Less than 90° / Dive or roll angle 15° to 45° $$	A
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	A
Total change of course	Less than 360°	A	Less than 360°	A
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	А
Cascade occurs	No	A	No	A
Folding lines used	No	A	No	А
Large asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45° $$	A	90° to 180° / Dive or roll angle 15° to 45°	В
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	А
Total change of course	Less than 360°	A	Less than 360°	A
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	A
Cascade occurs	No	A	No	A
Folding lines used	No	A	No	A
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45° $$	A	Less than 90° / Dive or roll angle 15° to 45°	A
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	А
Total change of course	Less than 360°	A	Less than 360°	A
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	А
Cascade occurs	No	A	No	A
Folding lines used	No	A	No	А
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45° $$	A	90° to 180° / Dive or roll angle 15° to 45°	В
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	А
Total change of course	Less than 360°	A	Less than 360°	A
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	A
Cascade occurs	Νο	A	No	A

Folding lines used	Νο	A	No	A
15. Directional control with a maintained	Α			
asymmetric collapse Able to keep course	Yes	А	Yes	А
' 180° turn away from the collapsed side possible in 10 s	Yes	А	Yes	A
Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel		More than 50 % of the symmetric control travel	A
16. Trim speed spin tendency Spin occurs	A No	A	No	A
17. Low speed spin tendency Spin occurs	A No	A	No	A
18. Recovery from a developed spin	В			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in 90° to 180°	в
Cascade occurs	No	A	No	A
19. B-line stall	Α			
Change of course before release	Changing course less than 45°	A	Changing course less than 45°	A
Behaviour before release	Remains stable with straight span	A	Remains stable with straight span	А
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	А
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	A
Cascade occurs	No	A	No	A
20. Big ears	Α			
Entry procedure	Dedicated controls	A	Dedicated controls	A
Behaviour during big ears	Stable flight	A	Stable flight	А
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
21. Big ears in accelerated flight	A			
Entry procedure	Dedicated controls	A	Dedicated controls	A
Behaviour during big ears	Stable flight	А	Stable flight	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	A
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	A	Stable flight	A
22. Alternative means of directional control	Α			
180° turn achievable in 20 s	Yes	A	Yes	A
Stall or spin occurs	No	A	No	A
23. Any other flight procedure and/or configuration described in the user's manual	0			
Procedure works as described	not available	0	not available	0
Procedure suitable for novice pilots	not available	0	not available	0
Cascade occurs	not available	0	not available	0