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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Flight test report: EN 926-2:2013+A1:2021* & NfL 2-565-20

9413 St-Certraud Austria Vale Glider model Anda L Classification A Serial number BG1040011A Representative None Trimmer no Place of test Villeneuve Folding lines used no Supair - Evo XC 3 L Hamess Test pilot Alexandre Jofresa Anselm Rauh Hamess Distance between risers (cm) 43 44 Distance between risers (cm) 48 Total weight in flight (kg) 100 130 A 1. InfationTak-off A Smooth, easy and constant rising A Smooth, easy and constant rising A No A 2. Landing bethingue required No A No A A 3. Special take off technique required No A No A 3. Special take off technique required No A Yes A 3. Special take off technique required No A Yes A 4. Landing technique required No A Yes A 3. Special take off technique required No A Yes A	Manufacturer BGD GmbH		Certification number	F	PG_2103.2023		
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	-	•					
Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A	Entry		Rocking back less than 45°	А	Rocking back less than 45°	А	
	Recovery		Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А	

*This standard is NOT covered by accreditation D-IS-19457-01

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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	А	No	А
Folding lines used	No	А	No	А
At least 50% chord				
Entry	Rocking back less than 45°	А	Rocking back less than 45°	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	А	Dive forward 0° to 30° / Keeping course	А
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
With accelerator				
Entry	Rocking back less than 45°	А	Rocking back less than 45°	А
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping	A	Dive forward 0° to 30° / Keeping	A
Dive forward angle of exit? Onlange of course	course	Λ	course	~
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
11. Exiting deep stall (parachutal stall)	A			
Deep stall achieved	Yes	А	Yes	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
Change of course	Changing course less than 45°	A	Changing course less than 45°	A
Cascade occurs	No		No	A
12. High angle of attack recovery	A	Α		~
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Cascade occurs	No	A	No	A
13. Recovery from a developed full stall	A	~		~
Dive forward angle on exit	A Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
Collapse	No collapse			
	•	A	No collapse	A
Cascade occurs (other than collapses)	No	A	No	A
Rocking back	Less than 45°	A	Less than 45°	A
Line tension	Most lines tight	A	Most lines tight	A
14. Asymmetric collapse	Α			
Small asymmetric collapse	Less then 00° / Dive or rell engle	^	Less than 00° / Dive an rell angle	•
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 0° to 15°		Less than 90° / Dive or roll angle 0° to 15°	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	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
Large 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	А	Spontaneous re-inflation	А
Total change of course	Less than 360°	А	Less than 360°	А
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	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
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 0° to 15°	A	Less than 90° / Dive or roll angle 15° to 45°	A
Re-inflation behaviour	Spontaneous re-inflation	А	Spontaneous re-inflation	А
Total change of course	Less than 360°	А	Less than 360°	А

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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	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	A	No	A
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	Less than 90° / Dive or roll angle 15° to 45°	A
Re-inflation behaviour	Spontaneous re-inflation	А	Spontaneous re-inflation	А
Total change of course	Less than 360°	А	Less than 360°	А
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	А	No	А
Cascade occurs	No	А	No	А
Folding lines used	No	А	No	А
15. Directional control with a maintained asymmetric collapse	A			
Able to keep course	Yes	А	Yes	А
180° turn away from the collapsed side possible in 10 s	Yes	А	Yes	А
Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel	A	More than 50 % of the symmetric control travel	A
16. Trim speed spin tendency	Α			
Spin occurs	No	А	No	А
17. Low speed spin tendency	A			
Spin occurs	No	А	No	А
18. Recovery from a developed spin	Α			
Spin rotation angle after release	Stops spinning in less than 90°	А	Stops spinning in less than 90°	А
Cascade occurs	No	А	No	А
19. B-line stall	A			
Change of course before release	Changing course less than 45°	А	Changing course less than 45°	А
Behaviour before release	Remains stable with straight span	А	Remains stable with straight span	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
Cascade occurs	No	А	No	А
20. Big ears	Α			
Entry procedure	Dedicated controls	А	Dedicated controls	А
Behaviour during big ears	Stable flight	А	Stable flight	А
Recovery	Spontaneous in less than 3 s	А	Spontaneous in less than 3 s	А
Dive forward angle on exit	Dive forward 0° to 30°	А	Dive forward 0° to 30°	А
21. Big ears in accelerated flight	А			
Entry procedure	Dedicated controls	А	Dedicated controls	А
Behaviour during big ears	Ctable flight	А	Stable flight	А
	Stable flight		-	
Recovery	Stable light Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	А
Recovery Dive forward angle on exit	•		Spontaneous in less than 3 s Dive forward 0° to 30°	
-	Spontaneous in less than 3 s	А	•	А
Dive forward angle on exit Behaviour immediately after releasing the accelerator while	Spontaneous in less than 3 s Dive forward 0° to 30°	A A	Dive forward 0° to 30°	A A
Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears	Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight	A A	Dive forward 0° to 30°	A A
Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears 22. Alternative means of directional control	Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight	A A A	Dive forward 0° to 30° Stable flight	A A A
Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears 22. Alternative means of directional control 180° turn achievable in 20 s	Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight A Yes	A A A	Dive forward 0° to 30° Stable flight Yes	A A A
Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears 22. Alternative means of directional control 180° turn achievable in 20 s Stall or spin occurs 23. Any other flight procedure and/or configuration	Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight A Yes No	A A A	Dive forward 0° to 30° Stable flight Yes	A A A
Dive forward angle on exitBehaviour immediately after releasing the accelerator while maintaining big ears22. Alternative means of directional control180° turn achievable in 20 sStall or spin occurs23. Any other flight procedure and/or configuration described in the user's manual	Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight A Yes No 0	A A A A	Dive forward 0° to 30° Stable flight Yes No	A A A A
Dive forward angle on exitBehaviour immediately after releasing the accelerator while maintaining big ears22. Alternative means of directional control180° turn achievable in 20 sStall or spin occurs23. Any other flight procedure and/or configuration described in the user's manualProcedure works as described	Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight A Yes No 0 not available	A A A A O	Dive forward 0° to 30° Stable flight Yes No not available	A A A A O