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BGD GmbH

test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes

Manufacturer



Certification number PG_2596.2025

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

Address	Am Gewerbepark 11 9413 St-Gertraud Austria		Flight test		24.06.2025		
Glider model	Cure 3 ML		Classification		С		
Serial number	BG1314042A		Representative		Bruce		
Trimmer	no		Place of test		Villeneuve		
Folding lines used	yes						
-							
Test pilot		Claude Thurnheer			Alexandre Jofresa		
Harness		Advance Thun AG Success 4 M			Advance Thun AG Success 4 M		
Harness to risers d	istance [cm]	43			43		
Distance between r		44			48		
Total weight in fligl	nt [kg]	85		108			
1. Inflation/Take-off		C		_			
Rising behaviour		overshoots, shall be si collapse	lowed down to avoid a front	C	Easy rising, some pilot correction is required	В	
Special take off technique	e required	No	No A		No	Α	
2. Landing		Α					
Special landing technique	e required	No		Α	No	Α	
3. Speed in straight flight	ht	В					
		Yes		Α	Yes	Α	
Trim speed more than 30 km/h Speed range using the controls larger than 10 km/h							
Speed range using the co	ontrols larger than 10 km/h	Yes A		Α	Yes	Α	
Minimum speed		25 km/h to 30 km/h B		В	25 km/h to 30 km/h	В	
4.00		С					
4. Control movement Max. weight in flight up	to 80 kg	C					
Symmetric control pressu		not available (0	not available	0	
Max. weight in flight 80		Increasing / greater than 60 cm		٨	not available	0	
Symmetric control pressu	ire / travei	Increasing / greater than 60 cm		А	not available	0	
Max. weight in flight gre	eater than 100 kg						
Symmetric control pressure / travel		not available		0	Increasing / 50 cm to 65 cm	С	
5. Pitch stability exiting	accelerated flight	A					
Dive forward angle on exi		Dive forward less than	30°	Α	Dive forward less than 30°	Α	
Collapse occurs		No		Α	No	Α	
6. Pitch stability operati accelerated flight	ing controls during	Α					
Collapse occurs		No		Α	No	Α	
7. Roll stability and dam	nping	A					
Oscillations		Reducing		Α	Reducing	Α	
0.04-1-1111		A					
8. Stability in gentle spi		A Spontaneous exit		Α	Spontaneous exit	Α	
Tendency to return to stra	argrit iligrit	oponianeous exit		٨	оронанова ели	۸	

Turn angle to redurn to straight flight Turn angle to redurn to straight flight Turn angle to recover normal flight Tur	9. Behaviour exiting a fully developed spiral dive	В			
decreasing) decreasing) Leas than 720', spontaneous incovery A Loss than 720', spontaneous netwey 10. Symmetric front collapse Approximately 30 % chord Entry Rocoking back less than 45' Rocoking lands less than 45' Rocoki	Initial response of glider (first 180°)	No immediate reaction	В	No immediate reaction	В
Approximately 30 % chord Entry Recovery Spontaneous in 3 to 5 s S Spontaneous in less than 45" / Recovery Spontaneous in 3 to 5 s S Spontaneous in less than 3 s / No	Tendency to return to straight flight		Α		Α
Approximately 30 % chord Entry Recovery Spontaneous in 3 s to 5 s B Spontaneous in less than 45° // Recovery Spontaneous in 3 s to 5 s B Spontaneous in less than 45° // Recovery Reco	Turn angle to recover normal flight	Less than 720°, spontaneous recovery	Α	Less than 720°, spontaneous recovery	Α
Recovery Sportameous in 3 s to 5 s B Sportameous in less than 3 s / / Recovery Sportameous in 3 s to 5 s B Sportameous in less than 3 s / / Recovery Dive forward angle on exit Change of course No A No / Recepting course No A No / Recepting course No A No / Recepting source No A No / Recepting source No A No / Recepting back less than 45° A Reciking back less than 45° A No A N	10. Symmetric front collapse Approximately 30 % chord	С			
Dive forward angle on exit Change of course Dive forward on to 30" / Keeping course A No A Rocking back less than 45" Recovery Sportamenus in 3 s to 5 s Dive forward or to 30" / Keeping course A No A No A No A No A No A Rocking back less than 45" A Rocking back less than 45" A Rocking back less than 45" A No A No A No A No A No A Rocking back less than 45" B Sportameous in 3 s to 5 s C Yes C	Entry	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Cascade occurs No A No	Recovery	Spontaneous in 3 s to 5 s	В	Spontaneous in less than 3 s	Α
Folding lines used At least 50% chord Entry Rocking back less than 45° Recovery Recovery Spontaneous in 3 s to 5 s B Spontaneous in 4 s to 5	Dive forward angle on exit Change of course	Dive forward 0° to 30° / Keeping course	Α	Dive forward 0° to 30° / Keeping course	Α
A least 50% chord Entry Rocking back less than 45° A Rocking back less than 45° B Spontaneous in 3 s to 5 s B Spontaneous in 45° A No A N	Cascade occurs	No	Α	No	Α
Recovery Spontaneous in 3 s to 5 s	Folding lines used	Yes	С	Yes	С
Dive forward angle on exit / Change of course Cascade occurs No A Recoking back less than 45° A Recovery Spontaneous in 3 s to 5 s B Spontaneous in 3 s to 5 s A No A	At least 50% chord Entry	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Cascade occurs No Yes C Yes C Yes With accelerator Entry Rocking back less than 45° A Dive forward on to 30° / Keeping course Cascade occurs No A No A No A No A Yes A Yes A Yes A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward on to 30° A Dive forward on to 30° A Dive forward on to 30° A No Collapse A No collapse	Recovery	Spontaneous in 3 s to 5 s	В	Spontaneous in 3 s to 5 s	В
Folding lines used Yes C Yes C Yes With accelerator Entry Rocking back less than 45° A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A No A No II. Exiting deep stall (parachutal stall) A Yes A Yes A Yes A Yes A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward 0° to 30° A Dive forward 0° to 30° A Dive forward 0° to 30° A No Collapse A No collapse A No collapse	Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	Α	Dive forward 0° to 30° / Keeping course	Α
With accelerator Entry Rocking back less than 45° A Rocking back less than 45° / Recovery Spontaneous in 3 s to 5 s B Spontaneous in 3 s to 5 s E Dive forward angle on exit / Change of course Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° A No A Yes A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Spontaneous in less than 3 s A Changing course less than 45° A Changing course less than 45° A Changing course less than 45° A No A N	Cascade occurs	No	Α	No	Α
Entry Rocking back less than 45° A Rocking back less than 45° // Recovery Spontaneous in 3 s to 5 s B Spontaneous in 3 s to 5 s E Dive forward angle on exit / Change of course Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A No A N	Folding lines used	Yes	С	Yes	С
Recovery Spontaneous in 3 s to 5 s B Spontaneous in 3 s to 5 s E Dive forward angle on exit / Change of course Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A No A No II. Exiting deep stall (parachutal stall) Deep stall achieved Recovery Spontaneous in less than 3 s A Dive forward 0° to 30° A Dive forward 0° to 30° Changing course less than 45° A Changing course less than 45° A No 12. High angle of attack recovery Spontaneous in 3 s to 5 s C Spontaneous in less than 3 s A No 13. Recovery from a developed full stall C Dive forward 0° to 30° A Dive forward 0° to 30° A No collapse	With accelerator				
Dive forward angle on exit / Change of course Dive forward 0° to 30° / Keeping course A Dive forward 0° to 30° / Keeping course A No A Yes C Yes	Entry	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Cascade occurs No A No	Recovery	Spontaneous in 3 s to 5 s	В	Spontaneous in 3 s to 5 s	В
Folding lines used Yes C Yes	Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	Α	Dive forward 0° to 30° / Keeping course	Α
11. Exiting deep stall (parachutal stall) Deep stall achieved Yes A Yes A Yes Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward 0° to 30° Change of course Changing course less than 45° A Changing course less than 45° A Changing course less than 45° A No A No A No A No A No A No Cascade occurs No No A No A No A No Cascade occurs No A No A No A No Cascade occurs No A No A No A No Cascade occurs No A No Collapse	Cascade occurs	No	Α	No	Α
Deep stall achieved Yes A Yes A Yes A Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward 0° to 30° A Dive forward 0° to 30° A Dive forward 0° to 30° A Changing course less than 45° A Changing course less than 45° A Changing course less than 45° A No 12. High angle of attack recovery Recovery Spontaneous in 3 s to 5 s C Spontaneous in less than 3 s A No 13. Recovery from a developed full stall C Dive forward 0° to 30° A No collapse	Folding lines used	Yes	С	Yes	С
Recovery Spontaneous in less than 3 s A Spontaneous in less than 3 s A Dive forward 0° to 30° A Dive forward 0° to 30° A Dive forward 0° to 30° A Changing course less than 45° A Changing course less than 45° A No Cascade occurs No A No A No A No A No Cascade occurs No A No A No A No A No Cascade occurs No A No Collapse	11. Exiting deep stall (parachutal stall)				
Dive forward angle on exit Dive forward 0° to 30° A Dive forward 0° to 30° A Changing course less than 45° A No A No A No A No A No A No Cascade occurs No A No A No A No Cascade occurs No A No A No A No Cascade occurs No A No A No A No Cascade occurs No A No A No A No Cascade occurs No A No A No A No Collapse No collapse A No collapse					A
Change of course Changing course less than 45° A Changing course less than 45° A Changing course less than 45° A No Cascade occurs No A No A No A No A No Cascade occurs No A No Collapse No collapse A No collapse	·				
Cascade occurs No A No					A
12. High angle of attack recovery Recovery Spontaneous in 3 s to 5 s C Spontaneous in less than 3 s A No 13. Recovery from a developed full stall C Dive forward angle on exit Dive forward 0° to 30° No collapse No collapse					Α .
Recovery Spontaneous in 3 s to 5 s C Spontaneous in less than 3 s A No 13. Recovery from a developed full stall C Dive forward angle on exit Dive forward 0° to 30° No collapse No collapse A No collapse			Α	No	А
13. Recovery from a developed full stall Dive forward 0° to 30° A Dive forward 0° to 30° A No collapse A No collapse	12. High angle of attack recovery Recovery		С	Spontaneous in less than 3 s	Α
Dive forward angle on exit Dive forward 0° to 30° A Dive forward 0° to 30° A Collapse A No collapse	Cascade occurs	No	Α	No	Α
	13. Recovery from a developed full stall Dive forward angle on exit		Α	Dive forward 0° to 30°	Α
Cascade occurs (other than collapses) No A No A	Collapse	No collapse	Α	No collapse	Α
	Cascade occurs (other than collapses)	No	Α	No	Α

Rocking back	Greater than 45°	С	Less than 45°	Α
Line tension	Most lines tight	Α	Most lines tight	Α
14. Asymmetric collapse Small asymmetric collapse	С			
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	Α	Less than 90° / Dive or roll angle 15° to 45°	Α
Re-inflation behaviour	Inflates in less than 3 s from start of pilot action	С	Inflates in less than 3 s from start of pilot action	С
Total change of course	Less than 360°	Α	Less than 360°	Α
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α
Twist occurs	No	Α	No	Α
Cascade occurs	No	Α	No	Α
Folding lines used	Yes	С	Yes	С
Large asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	90° to 180° / Dive or roll angle 15° to 45°	В	90° to 180° / Dive or roll angle 15° to 45°	В
Re-inflation behaviour	Inflates in less than 3 s from start of pilot action	С	Inflates in less than 3 s from start of pilot action	С
Total change of course	Less than 360°	Α	Less than 360°	Α
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α
Twist occurs	No	Α	No	Α
Cascade occurs	No	Α	No	Α
Folding lines used	Yes	С	Yes	С
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°	Α	90° to 180° / Dive or roll angle 15° to 45°	В
Re-inflation behaviour	Inflates in less than 3 s from start of pilot action	С	Inflates in less than 3 s from start of pilot action	С
Total change of course	Less than 360°	Α	Less than 360°	Α
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α
Twist occurs	No	Α	No	Α
Cascade occurs	No	Α	No	Α
Folding lines used	Yes	С	Yes	С
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	90° to 180° / Dive or roll angle 15° to 45°	В	90° to 180° / Dive or roll angle 15° to 45°	В
Re-inflation behaviour	Inflates in less than 3 s from start of pilot action	С	Inflates in less than 3 s from start of pilot action	С
Total change of course	Less than 360°	Α	Less than 360°	Α
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α	No (or only a small number of collapsed cells with a spontaneous reinflation)	Α
Twist occurs	No	Α	No	Α
Cascade occurs	No	Α	No	Α

Folding lines used	Yes	С	Yes	С
15. Directional control with a maintained asymmetric collapse	A			
Able to keep course	Yes	Α	Yes	Α
180° turn away from the collapsed side possible in 10 s	Yes	Α	Yes	Α
Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel	Α	More than 50 % of the symmetric control travel	Α
16. Trim speed spin tendency	Α			
Spin occurs	No	Α	No	Α
17. Low speed spin tendency Spin occurs	A No	Α	No	Α
	В			
18. Recovery from a developed spin Spin rotation angle after release	Stops spinning in 90° to 180°	В	Stops spinning in 90° to 180°	В
Opin rotation angle after release	5.500 500000000000000000000000000000000			_
Cascade occurs	No	Α	No	Α
19. B-line stall	0			
Change of course before release	not available	0	not available	0
Behaviour before release	not available	0	not available	0
Recovery	not available	0	not available	0
Dive forward angle on exit	not available	0	not available	0
Cascade occurs	not available	0	not available	0
20. Big ears	В			
Entry procedure	Dedicated controls	Α	Dedicated controls	Α
Behaviour during big ears	Stable flight	Α	Stable flight	Α
Recovery	Recovery through pilot action in less than a further 3 s	В	Recovery through pilot action in less than a further 3 s	В
Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
21. Big ears in accelerated flight	В			
Entry procedure	Dedicated controls	Α	Dedicated controls	Α
Behaviour during big ears	Stable flight	Α	Stable flight	Α
Recovery	Recovery through pilot action in less than a further 3 s	В	Recovery through pilot action in less than a further 3 s	В
Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	Α	Stable flight	Α
22. Alternative means of directional control	Α			
180° turn achievable in 20 s	Yes	Α	Yes	Α
Stall or spin occurs	No	Α	No	Α
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