

Air Turquoise SA Rte du Pré-au-Comte 8 | CH-1844 Villeneuve tel. +41 21 965 65 65 | mobile +41 79 202 52 30 info@para-test.com

Flight test report: EN 926-2:2013

Manufacturer Address	Ozone Gliders 2, Queens Drive LA46LN . UK	Certification number Date of flight test		PG_1007.2015 02. 12. 2015	
Glider model Serial number Trimmer	Buzz Z5 MS PR12-Q-45D-016 no	Classification Representative Place of test		B Russel Ogden Villeneuve	
Test pilot Harness Harness to risers d Distance between r Total weight in fligh	risers (cm)	Thurnheer Claude Supair - Altiplume S 43 40 75		Bourdilloud Elie Gin Gliders - Gingo 2 M 42 44 95	
 Inflation/Take-off Rising behaviour Special take off technique Landing 	e required	A Smooth, easy and constant rising No A	A A	Smooth, easy and constant rising No	A A
Special landing technique 3. Speed in straight flight Trim speed more than 30	nt	No A Yes Yes	A A A	No Yes Yes	A A A
Minimum speed 4. Control movement Max. weight in flight up	to 80 kg	Less than 25 km/h A	Α	Less than 25 km/h	A
Symmetric control pressu Max. weight in flight 80 Symmetric control pressu	kg to 100 kg	Increasing / greater than 55 cm not available	A 0	not available Increasing / greater than 60 cm	0
Max. weight in flight gre					Α
Symmetric control pressu	re / travel	not available	0	not available	0
Symmetric control pressu 5. Pitch stability exiting Dive forward angle on exi Collapse occurs 6. Pitch stability operati	re / travel accelerated flight	not available A Dive forward less than 30° No A	0 A A	not available Dive forward less than 30° No	
Symmetric control pressures. 5. Pitch stability exiting Dive forward angle on exit Collapse occurs 6. Pitch stability operatifight Collapse occurs 7. Roll stability and dam Oscillations	re / travel accelerated flight t ng controls during accelerated	A Dive forward less than 30° No	Α	Dive forward less than 30°	0 A
Symmetric control pressures. 5. Pitch stability exiting Dive forward angle on exicollapse occurs 6. Pitch stability operation flight Collapse occurs 7. Roll stability and dama Oscillations 8. Stability in gentle spiral Tendency to return to strain general forms.	re / travel accelerated flight it ing controls during accelerated inping rals aight flight ally developed spiral dive	A Dive forward less than 30° No A No A Reducing A Spontaneous exit A	A A A A	Dive forward less than 30° No No Reducing Spontaneous exit	0 A A A
Symmetric control pressur 5. Pitch stability exiting Dive forward angle on exit Collapse occurs 6. Pitch stability operatiflight Collapse occurs 7. Roll stability and dam Oscillations 8. Stability in gentle spin Tendency to return to stra	re / travel accelerated flight it ng controls during accelerated nping rals aight flight ully developed spiral dive first 180°)	A Dive forward less than 30° No A No A Reducing A Spontaneous exit	A A A	Dive forward less than 30° No No Reducing	0 A A

Approximately 30 % chord				
Entry	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
Dive forward angle on exit Change of course	Dive forward 0° to 30° Keeping course	Α	Dive forward 0° to 30° Keeping course	Α
Cascade occurs	No	Α	No	Α
Folding lines used	No	Α	No	Α
At least 50% chord				
Entry	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	Α .	Dive forward 0° to 30° / Keeping course	Α .
Cascade occurs	No	Α.	No	Α.
Folding lines used	No	Α	No	Α
With accelerator				
Entry	Rocking back less than 45°	Α.	Rocking back less than 45°	Α.
Recovery	Spontaneous in less than 3 s	Α.	Spontaneous in less than 3 s	A
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	Α	Dive forward 0° to 30° / Keeping course	Α
Cascade occurs	No	Α	No	Α
Folding lines used	No	Α	No	Α
11. Exiting deep stall (parachutal stall)	A			
Deep stall achieved	Yes	Α	Yes	Α
Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
			Changing course lose than 15°	Α
Change of course	Changing course less than 45°	Α	Changing course less than 45°	
Cascade occurs	No	A	No	Α
Cascade occurs 12. High angle of attack recovery	No A	A	No	Α
Cascade occurs 12. High angle of attack recovery Recovery	No A Spontaneous in less than 3 s	A A	No Spontaneous in less than 3 s	A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs	No A Spontaneous in less than 3 s No	A	No	Α
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall	No A Spontaneous in less than 3 s No A	A A A	No Spontaneous in less than 3 s No	A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit	No A Spontaneous in less than 3 s No A Dive forward 0° to 30°	A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30°	A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse	A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse	A A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses)	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No	A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No	A A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45°	A A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45°	A A A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No	A A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45°	A A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45°	A A A A A
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Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle	A A A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0°	A A A A A A
Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15°	A A A A A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15°	A A A A A A A A A A A A A A A A A A A
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Cascade occurs 12. High angle of attack recovery Recovery Cascade occurs 13. Recovery from a developed full stall Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse Small asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course Collapse on the opposite side occurs	No A Spontaneous in less than 3 s No A Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)	A A A A A A A A A A A A A A A A A A A	No Spontaneous in less than 3 s No Dive forward 0° to 30° No collapse No Less than 45° Most lines tight Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)	A A A A A A A A A A A A A A A A A A A
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Α

10. Symmetric front collapse

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	No	Α	No	Α
roluing lines used	NO	^	NO	^
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	Less than 90° / Dive or roll angle 15° to 45°	Α
Re-inflation behaviour	Spontaneous re-inflation	Α	Spontaneous re-inflation	Α
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	No	Α	No	Α
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or		D	00° to 180° / Divo or roll angle 15°	В
roll angle	90° to 180° / Dive or roll angle 15° to 45°	В	90° to 180° / Dive or roll angle 15° to 45°	Ь
Re-inflation behaviour	Spontaneous re-inflation	Α	Spontaneous re-inflation	Α
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	No	Α	No	Α
15. Directional control with a maintained asymmetric	A			
collapse				
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	Α	More than 50 % of the symmetric	Α
3 ,	symmetric control travel		control travel	
16. Trim speed spin tendency	Α			
Spin occurs	No	Α	No	Α
17. Low speed spin tendency	Α			
Spin occurs	No	Α	No	Α
18. Recovery from a developed spin	Α			
Spin rotation angle after release	Stops spinning in less than 90°	Α	Stops spinning in less than 90°	Α
Cascade occurs	No	Α	No	Α
19. B-line stall	A			
Change of course before release	Changing course less than 45°	Α	Changing course less than 45°	Α
Behaviour before release	Remains stable with straight span	Α	Remains stable with straight span	Α
Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
Cascade occurs	No	Α	No	Α
20. Big ears	В	, ,		
Entry procedure	Dedicated controls	Α	Dedicated controls	Α
• •	Stable flight	•	Stable flight	A
Behaviour during big ears	· ·	A	· ·	
Recovery	Recovery through pilot action in less than a further 3 s	В.	Spontaneous in less than 3 s	Α .
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	Spontaneous in 3 s to 5 s	Α

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	А
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

24. Comments of test pilot

Comments