

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

Flight test rep					
Manufacturer Address	Ozone Gliders 2, Queens Drive LA46LN .	Certification number Date of flight test		PG_1004.2015 01. 12. 2015	
	UK				
Glider model	Jomo L	Classification		Α	
Serial number	PR1-Q-39B-154	Representative		Russel Ogden	
Trimmer	no	Place of test		Villeneuve	
Test pilot		Bourdilloud Elie		Berruex Gilles	
Harness		Gin Gliders - Gingo 2 M		Niviuk - Hamak XL	
Harness to risers di	stance (cm)	42		44	
Distance between r	• •	44		46	
	• •				
Total weight in fligh	it (kg)	95		115	
1. Inflation/Take-off		A			•
Rising behaviour	and a second	, ,	A	Smooth, easy and constant rising	A
Special take off technique	required	No	Α	No	Α
2. Landing	required	A	۸	No	^
Special landing technique		No A	Α	No	Α
3. Speed in straight fligh			Α	Yes	^
Trim speed more than 30 km/h		Yes Yes	A	Yes	A
Speed range using the controls larger than 10 km/h Minimum speed		Less than 25 km/h	A	Less than 25 km/h	A A
4. Control movement		A	А	Less than 25 km/n	A
4. Control movement		A			
Max. weight in flight up t	to 80 kg				
Max. weight in flight up to Symmetric control pressur		not available	0	not available	0
	e / travel	not available	0	not available	0
Symmetric control pressur	e / travel ag to 100 kg	not available Increasing / greater than 60 cm	0 A	not available	0
Symmetric control pressur Max. weight in flight 80 k	e / travel eg to 100 kg e / travel				
Symmetric control pressur Max. weight in flight 80 b Symmetric control pressur	e / travel gg to 100 kg e / travel ater than 100 kg				
Symmetric control pressur Max. weight in flight 80 F Symmetric control pressur Max. weight in flight great	e / travel xg to 100 kg e / travel ater than 100 kg e / travel	Increasing / greater than 60 cm	Α	not available	0
Max. weight in flight 80 M Symmetric control pressur Max. weight in flight great Symmetric control pressur	e / travel cg to 100 kg e / travel ater than 100 kg e / travel accelerated flight	Increasing / greater than 60 cm	Α	not available	0
Max. weight in flight 80 B. Symmetric control pressur Max. weight in flight gree Symmetric control pressur 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight	Increasing / greater than 60 cm not available	A 0	not available Increasing / greater than 65 cm	0 A
Max. weight in flight 80 Messure Symmetric control pressure Max. weight in flight green Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight	e / travel cg to 100 kg e / travel ater than 100 kg e / travel accelerated flight	Increasing / greater than 60 cm not available A Dive forward less than 30° No A	A 0 A A	not available Increasing / greater than 65 cm Dive forward less than 30° No	0 A A
Max. weight in flight 80 Mes. Symmetric control pressur Max. weight in flight gree Symmetric control pressur 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated	Increasing / greater than 60 cm not available A Dive forward less than 30° No A	А 0 А	not available Increasing / greater than 65 cm Dive forward less than 30°	0 A
Max. weight in flight 80 Messure Symmetric control pressure Max. weight in flight green Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dames	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No	A 0 A A	not available Increasing / greater than 65 cm Dive forward less than 30° No	0 A A A
Max. weight in flight 80 B. Symmetric control pressur Max. weight in flight gree. Symmetric control pressur 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dam Oscillations	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No A Reducing	A 0 A A	not available Increasing / greater than 65 cm Dive forward less than 30° No	0 A A
Max. weight in flight 80 B. Symmetric control pressur Max. weight in flight gree. Symmetric control pressur 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dam Oscillations 8. Stability in gentle spir	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated ping als	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No A Reducing A	A 0 A A A	not available Increasing / greater than 65 cm Dive forward less than 30° No No Reducing	0 A A A A A A
Max. weight in flight 80 Max. weight in flight 80 Max. weight in flight gree Symmetric control pressur 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dam Oscillations 8. Stability in gentle spir Tendency to return to strain	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated ping als ight flight	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit	A 0 A A	not available Increasing / greater than 65 cm Dive forward less than 30° No	0 A A A
Max. weight in flight 80 Messure Symmetric control pressure Max. weight in flight green Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dama Oscillations 8. Stability in gentle spires.	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated ping als aght flight lly developed spiral dive	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A Immediate reduction of rate of	A 0 A A A	not available Increasing / greater than 65 cm Dive forward less than 30° No No Reducing	0 A A A A A A
Max. weight in flight 80 Messure Max. weight in flight gree Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dam Oscillations 8. Stability in gentle spir Tendency to return to strain 9. Behaviour exiting a further start of the stability and the stability in gentle spir Tendency to return to strain 9. Behaviour exiting a further start of the stability and the start of the s	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated ping als ight flight lly developed spiral dive arst 180°)	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A	A 0 A A A	not available Increasing / greater than 65 cm Dive forward less than 30° No No Reducing Spontaneous exit	0 A A A A A A
Max. weight in flight 80 Messure Max. weight in flight gree Symmetric control pressure 5. Pitch stability exiting a Dive forward angle on exit Collapse occurs 6. Pitch stability operating flight Collapse occurs 7. Roll stability and dam Oscillations 8. Stability in gentle spir Tendency to return to strain 9. Behaviour exiting a ful Initial response of glider (final symmetric control of the stability and dam oscillations 9. Behaviour exiting a ful Initial response of glider (final symmetric control of the stability in gentle spir tendency to return to strain 9. Behaviour exiting a ful Initial response of glider (final control of the stability and dam of the stability in gentle spir tendency to return to strain 9. Behaviour exiting a ful Initial response of glider (final control of the stability and dam of the stability in gentle spir tendency to return to strain 9. Behaviour exiting a full Initial response of glider (final control of the stability and dam of the stability in gentle spir tendency to return to strain 9. Behaviour exiting a full Initial response of glider (final control of the stability and dam of the stability in gentle spir tendency to return to strain 9. Behaviour exiting a full Initial response of glider (final control of the stability and dam of the stability in gentle spir tendency to return to strain 9. Behaviour exiting a full Initial response of glider (final control of the stability and dam of the st	e / travel ag to 100 kg e / travel ater than 100 kg e / travel accelerated flight ag controls during accelerated ping als ight flight Ily developed spiral dive irst 180°)	Increasing / greater than 60 cm not available A Dive forward less than 30° No A No A Reducing A Spontaneous exit A Immediate reduction of rate of turn Spontaneous exit (g force decreasing, rate of turn	A 0 A A A	not available Increasing / greater than 65 cm Dive forward less than 30° No No Reducing Spontaneous exit Immediate reduction of rate of turn Spontaneous exit (g force	0 A A A A A A

10. Cymmetric from Conapse				
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 an along the				
With accelerator	Dealing beat less than 450		Danking hash lass than 450	
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
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
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
Change of course	Changing course less than 45°	Α	Changing course less than 45°	Α
Cascade occurs	No	Α	No	Α
12. High angle of attack recovery	Α			
Recovery	Spontaneous in less than 3 s	Α	Spontaneous in less than 3 s	Α
Cascade occurs	No	Α	No	Α
13. Recovery from a developed full stall	Α			
Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 0° to 30°	Α
Collapse	No collapse	Α	No collapse	Α
Cascade occurs (other than collapses)	No	Α	No	Α
Rocking back	Less than 45°	Α	Less than 45°	Α
Line tension	Most lines tight	Α	Most lines tight	Α
14. Asymmetric collapse	A			
Small anymmetric college				
Small asymmetric collapse	Loop there 00° / Diverge and production	۸	Lace then 00° / Divergentall angle 0°	٨
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 0° to 15°	A
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	A
Total change of course	Less than 360°	Α	Less than 360°	Α
Collapse on the opposite side occurs				Λ
	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	collapsed cells with a	A A	collapsed cells with a spontaneous	A
Twist occurs Cascade occurs	collapsed cells with a spontaneous reinflation)		collapsed cells with a spontaneous reinflation)	
	collapsed cells with a spontaneous reinflation) No	A	collapsed cells with a spontaneous reinflation) No	Α
Cascade occurs	collapsed cells with a spontaneous reinflation) No	A A	collapsed cells with a spontaneous reinflation) No No	A A
Cascade occurs	collapsed cells with a spontaneous reinflation) No	A A	collapsed cells with a spontaneous reinflation) No No	A A
Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or	collapsed cells with a spontaneous reinflation) No No No Less than 90° / Dive or roll angle	A A	collapsed cells with a spontaneous reinflation) No No No Less than 90° / Dive or roll angle	A A
Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle	collapsed cells with a spontaneous reinflation) No No No Less than 90° / Dive or roll angle 15° to 45°	A A A	collapsed cells with a spontaneous reinflation) No No No Less than 90° / Dive or roll angle 15° to 45°	A A A
Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or	collapsed cells with a spontaneous reinflation) No No No Less than 90° / Dive or roll angle	A A	collapsed cells with a spontaneous reinflation) No No No Less than 90° / Dive or roll angle	A A A

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	A	No	A
Folding lines used	No	Α	No	Α
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°	Α	Less than 90° / Dive or roll angle 0° to 15°	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				
		^	Loop than 00° / Divo or roll angle	۸
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
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
, and the stange between tank and talk of opin	symmetric control travel	,,	control travel	, ,
16. Trim speed spin tendency	Α			
Spin occurs	No	Α	No	Α
17. Low speed spin tendency	A			
Spin occurs	No	Α	No	Α
18. Recovery from a developed spin	A			
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	Α			
Change of course before release	Changing course less than 45°	Α	Changing course less than 45°	Α
Behaviour before release	Remains stable with straight	Α	Remains stable with straight span	Α
	span			
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	A			
Entry procedure	Dedicated controls	Α	Dedicated controls	Α
Behaviour during big ears	Stable flight	Α	Stable flight	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
21. Big ears in accelerated flight				
	A			
Entry procedure		Α	Dedicated controls	Α
Entry procedure Behaviour during big ears	Dedicated controls	A A	Dedicated controls Stable flight	A A
Behaviour during big ears	Dedicated controls Stable flight	Α	Stable flight	Α
	Dedicated controls			

Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	А	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

24. Comments of test pilot

Comments