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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Flight test report: EN 926-2:2013 & NfL 2-565-20

Manufacturer Ozone Gliders		Certification number	PG_1901.2021		
ļ	2, Queens Drive LA46LN . UK	Flight test		24.01.2022	
Glider model	Zeno 2 ML	Classification	0)	
Serial number	PR3-W-41B-036	Representative	F	Russ Ogden	
	no	Place of test		/illeneuve	
		riace or test	v	illerieuve	
Folding lines used	yes				
Test pilot		Claude Thurnheer	A	Alexandre Jofresa	
Harness		Advance - Success 4 M	Α	dvance - Success 4 M	
Harness to risers distance (cm) Distance between risers (cm)		44	4	4	
		44	48		
	, ,				
Total weight in flight	(kg)	95	ı	10	
1. Inflation/Take-off		С			
Rising behaviour		Overshoots, shall be slowed down to avoid a front collapse	С	Overshoots, shall be slowed down to avoid a front collapse	С
Special take off technique re	quired	No	Α	not available	0
2. Landing		Α			
Special landing technique re-	quired	No	Α	No	Α
3. Speed in straight flight		В			
Trim speed more than 30 km		Yes	Α	Yes	Α
Speed range using the control	ols larger than 10 km/h	Yes	Α	Yes	Δ
Minimum speed		25 km/h to 30 km/h	В	25 km/h to 30 km/h	В
4. Control movement		Α			
Max. weight in flight up to	<u>-</u>		_		_
Symmetric control pressure		not available	0	not available	0
Max. weight in flight 80 kg	_				_
Symmetric control pressure /		Increasing / greater than 60 cm	Α	not available	C
Max. weight in flight greate	<u>-</u>	and available	•	leave asian day and the second	
Symmetric control pressure		not available	0	Increasing / greater than 65 cm	F
5. Pitch stability exiting ac	celerated flight	A	^	Divertend less than 20°	
Dive forward angle on exit Collapse occurs		Dive forward less than 30° No	A	Dive forward less than 30° No	A
•	controls during accelerated	A	^	NU	F
Collapse occurs		No	Α	No	A
7. Roll stability and dampir	ng	A			
Oscillations		Reducing	Α	Reducing	A
8. Stability in gentle spirals	S	A			
Tendency to return to straigh		Spontaneous exit	Α	Spontaneous exit	Α
9. Behaviour exiting a fully	developed spiral dive	D			
Initial response of glider (first	t 180°)	No immediate reaction	В	No immediate reaction	E
Tendency to return to straigh	nt flight	Spontaneous exit (g force decreasing, rate of turn decreasing)	Α	Spontaneous exit (g force decreasing, rate of turn decreasing)	Δ
Turn angle to recover norma	l flight	With pilot action	D	1080° to 1440°, spontaneous recovery	C
10. Symmetric front collaps		D			
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	Yes	D	No	Α
At least 50% chord				
Entry	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Recovery	Recovery through pilot action in less than a further 3 s	D	Recovery through pilot action in less than a further 3 s	D
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	Yes	D	Yes	D
With accelerator				
Entry	Rocking back less than 45°	Α	Rocking back greater than 45°	С
Recovery	Recovery through pilot action in less than a further 3 s	D	Recovery through pilot action in less than a further 3 s	D
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	Yes	D	Yes	D
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	С			
Dive forward angle on exit	Dive forward 0° to 30°	Α	Dive forward 60° to 90°	С
· · · · · · · · · · · · · · · · · · ·				_
Collapse	No collapse	Α	No collapse	Α
Collapse	No collapse	Α	No collapse	Α
Collapse Cascade occurs (other than collapses)	No collapse No	A A	No collapse No	A A
Collapse Cascade occurs (other than collapses) Rocking back	No collapse No Greater than 45°	A A C	No collapse No Less than 45°	A A A
Collapse Cascade occurs (other than collapses) Rocking back Line tension	No collapse No Greater than 45° Most lines tight	A A C	No collapse No Less than 45°	A A A
Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse	No collapse No Greater than 45° Most lines tight	A A C A	No collapse No Less than 45°	A A A
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 collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle	A C A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle	A A A
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 collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of	A C A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45°	A A A B
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	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action	A C A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation	A A A B
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	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous	A A C A A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous	A A A B A
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 collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)	A A C A A A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)	A A A B A A
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 Twist occurs	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No	A A C A A A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No	A A A B A A
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 Twist occurs Cascade occurs	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A C A A A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A A B A A A
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 Twist occurs Cascade occurs Folding lines used	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A C A A A	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No	A A A B A A A
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 Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle	A C A C A A A D B	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle	A A A B A A A D
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 Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of	A C A C A A A D B	No collapse No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45°	A A A A A D B
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 Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action	A A C A A A D B C	No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation	A A A A A D B A
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 Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle Re-inflation behaviour Total change of course	No collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous	A A C A A A D B C A	No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous	A A A A A A A A A A A A A A A A A A A
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 Twist occurs Cascade occurs Folding lines used Large 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 collapse No Greater than 45° Most lines tight D Less than 90° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° Inflates in less than 3 s from start of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation)	A A C A A A D B C A A	No Less than 45° Most lines tight 90° to 180° / Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No Yes 90° to 180° / Dive or roll angle 15° to 45° 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

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	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	Yes	D	Yes	D
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	D	Yes	D
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	A			
Spin occurs	No	Α	No	Α
17. Low speed spin tendency	D			
Spin occurs	Yes	D	Yes	D
Spin occurs 18. Recovery from a developed spin	Yes B	D		
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release	Yes B Stops spinning in 90° to 180°	D B	Stops spinning in 90° to 180°	В
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs	Yes B Stops spinning in 90° to 180° No	D		
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall	Yes B Stops spinning in 90° to 180° No 0	D B A	Stops spinning in 90° to 180° No	B A
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release	Yes B Stops spinning in 90° to 180° No O not available	D B A	Stops spinning in 90° to 180° No not available	B A 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release	Yes B Stops spinning in 90° to 180° No o not available not available	D B A	Stops spinning in 90° to 180° No not available not available	B A 0 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery	Yes B Stops spinning in 90° to 180° No O not available	D B A	Stops spinning in 90° to 180° No not available	B A 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release	Yes B Stops spinning in 90° to 180° No not available not available not available	D B A 0 0 0	Stops spinning in 90° to 180° No not available not available not available	B A 0 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit	Yes B Stops spinning in 90° to 180° No 0 not available not available not available not available	D B A 0 0 0 0	Stops spinning in 90° to 180° No not available not available not available not available	B A 0 0 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs	Yes B Stops spinning in 90° to 180° No O not available	D B A 0 0 0 0	Stops spinning in 90° to 180° No not available not available not available not available	B A 0 0 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears	Yes B Stops spinning in 90° to 180° No not available not available not available not available not available C No dedicated controls and non-	D B A 0 0 0 0 0	Stops spinning in 90° to 180° No not available not available not available not available not available No dedicated controls and non-	B A 0 0 0 0
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure	Yes B Stops spinning in 90° to 180° No not available not available not available not available cont available not available not available not available not available	D B A 0 0 0 0 C	Stops spinning in 90° to 180° No not available not available not available not available not available No dedicated controls and non- standard technique	B A 0 0 0 0 0 0 C
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	Yes B Stops spinning in 90° to 180° No 0 not available not available not available not available rot available co No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°	D B A 0 0 0 C C	Stops spinning in 90° to 180° No not available not available not available not available not available No dedicated controls and non- standard technique Stable flight	B A 0 0 0 0 0 0 C A
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	Yes B Stops spinning in 90° to 180° No not available not available not available not available not available c No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C	D B A 0 0 0 C C B A	Stops spinning in 90° to 180° No not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	B A 0 0 0 0 0 0 C A A A
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure	Yes B Stops spinning in 90° to 180° No 0 not available not available not available not available not available The standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C No dedicated controls and non-standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C No dedicated controls and non-standard technique	D B A 0 0 0 C C B A	Stops spinning in 90° to 180° No not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° No dedicated controls and non- standard technique	B A 0 0 0 0 0 0 C A A A C C
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears	Yes B Stops spinning in 90° to 180° No 0 not available not available not available not available not available the not available not available the not available the not available the the C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in the standard technique Unstable flight C No dedicated controls and non- standard technique Unstable flight	D B A 0 0 0 C C B A C	Stops spinning in 90° to 180° No not available not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° No dedicated controls and non- standard technique Stable flight	B A 0 0 0 0 0 0 0 C A A A C C A
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery	B Stops spinning in 90° to 180° No not available not available not available not available not available not available co No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s	D B A 0 0 0 C C B A C C B	Stops spinning in 90° to 180° No not available not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s	B A 0 0 0 0 0 C A A A C A A
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	Pes B Stops spinning in 90° to 180° No not available not available not available not available not available rot available rot available c No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°	D B A 0 0 0 C C B A C C B A	Stops spinning in 90° to 180° No not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s	B A 0 0 0 0 0 0 C A A A A A A A
Spin occurs 18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	B Stops spinning in 90° to 180° No not available not available not available not available not available rot available rot available rot available c C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° Stable flight	D B A 0 0 0 C C B A C C B	Stops spinning in 90° to 180° No not available not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s	B A 0 0 0 0 0 C A A A C A A
18. Recovery from a developed spin Spin rotation angle after release Cascade occurs 19. B-line stall Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big ears in accelerated flight Entry procedure Behaviour during big ears Recovery Dive forward angle on exit Behaviour immediately after releasing the accelerator while maintaining big ears 22. Alternative means of directional control	Pes B Stops spinning in 90° to 180° No not available not available not available not available not available rot available C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° C No dedicated controls and non- standard technique Unstable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° Stable flight	D B A 0 0 0 C C B A C C B A	Stops spinning in 90° to 180° No not available not available not available not available not available not available No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° No dedicated controls and non- standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Stable flight	B A 0 0 0 0 0 C A A A A A A A A A A A A A
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23. Any other flight procedure and/or configuration described in the user's manual	Α		
Procedure works as described	Yes	A Yes	Α
Procedure suitable for novice pilots	Yes	A Yes	Α
Cascade occurs	No	A No	Α

24. Comments of test pilot

Big ears done by B3

Big ears done by B3