## AIR TURQUOISE SA | PARA-TEST.COM

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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 NOVA Vertriebsgesellschaft m.b.H.		Certification number		PG_1946.2022		
Address Auweg 14 6124 Terfens Austria		Flight test	01.03.2022			
Glider model Mentor 7-light S		Classification	В			
Serial number 500496		Representative	Théo Deblic			
Trimmer	no	Place of test	V	/illeneuve		
Folding lines used	no		-			
Test pilot		Claude Thurnheer	Alexandre Jofresa			
Harness		Advance - Success 4 M	Dudek - ZeroGravity			
Harness to risers distance (cm) Distance between risers (cm)		44 43				
		44				
	, ,					
Total weight in fligh	t (kg)	80	ı	05		
1. Inflation/Take-off		В				
Rising behaviour		Easy rising, some pilot correction is required	В	Easy rising, some pilot correction is required	В	
Special take off technique	required	No	Α	No	Α	
2. Landing		A				
Special landing technique	•	No	Α	No	Α	
3. Speed in straight flight		В				
Trim speed more than 30 k		Yes	Α	Yes	Α	
Speed range using the cor	ntrols larger than 10 km/h	Yes	Α	Yes	Α	
Minimum speed		Less than 25 km/h	Α	25 km/h to 30 km/h	В	
4. Control movement		A				
Max. weight in flight up t			0		_	
Symmetric control pressure		not available	0	not available	0	
Max. weight in flight 80 k	-	Increasing / greater than 60 cm	۸	not available	0	
Symmetric control pressure		Increasing / greater than 60 cm	Α	not available	0	
Max. weight in flight grea		not available	Λ	Increasing / greater than 65 cm	۸	
Symmetric control pressure  5. Pitch stability exiting a		not available	U	Increasing / greater than 65 cm	-	
Dive forward angle on exit		Dive forward less than 30°	Α	Dive forward less than 30°	А	
Collapse occurs		No		No	Α	
•	g controls during accelerated	A	, ,		,	
Collapse occurs		No	Α	No	Α	
7. Roll stability and damp	oing	A				
Oscillations		Reducing	Α	Reducing	Α	
8. Stability in gentle spira	als	Α				
Tendency to return to strai	ght flight	Spontaneous exit	Α	Spontaneous exit	Α	
9. Behaviour exiting a ful	lly developed spiral dive	В				
Initial response of glider (fi	rst 180°)	No immediate reaction	В	Immediate reduction of rate of turn	Δ	
Tendency to return to straight flight		Spontaneous exit (g force	Α	Spontaneous exit (g force decreasing, rate of turn decreasing)	Δ	
rendericy to return to strai		decreasing, rate of turn decreasing) 720° to 1 080°, spontaneous		720° to 1 080°, spontaneous		

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 3 s to 5 s	В	Spontaneous in less than 3 s	Α
Dive forward angle on exit / Change of course	Dive forward 30° to 60° / Keeping course	В	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 3 s to 5 s	В	Spontaneous in 3 s to 5 s	В
Dive forward angle on exit / Change of course	Dive forward 30° to 60° / Keeping course	В	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)	<b>A</b>			
Deep stall achieved	Yes	Α	Yes	Α
Recovery	Spontaneous in less than 3 s	Α .	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	Α .	Dive forward 0° to 30°	A
Change of course	Changing course less than 45°	A	Changing course less than 45°	A
Cascade occurs	No	Α	No	Α
12. High angle of attack recovery	A  Chantanagua in laga than 2 a	٨	Contangous in loss than 2 s	^
Recovery Cascade occurs	Spontaneous in less than 3 s No	A A	Spontaneous in less than 3 s No	A A
Cascade occurs	INO	^	INU	^
13 Pacovary from a devalaged full stall	٨			
13. Recovery from a developed full stall	A Dive forward 0° to 30°	Δ	Dive forward 0° to 30°	Δ
Dive forward angle on exit	Dive forward 0° to 30°	Α Δ	Dive forward 0° to 30°	Α Δ
Dive forward angle on exit Collapse	Dive forward 0° to 30° No collapse	Α	No collapse	Α
Dive forward angle on exit Collapse Cascade occurs (other than collapses)	Dive forward 0° to 30° No collapse No	A A	No collapse No	A A
Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back	Dive forward 0° to 30° No collapse No Less than 45°	A A A	No collapse No Less than 45°	A A
Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension	Dive forward 0° to 30° No collapse No	A A A	No collapse No	A A
Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension 14. Asymmetric collapse	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A	No collapse No Less than 45°	A A
Dive forward angle on exit Collapse Cascade occurs (other than collapses) Rocking back Line tension	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight	A A A	No collapse No Less than 45°	A A
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	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	No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle	A A A
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	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45°	A A A	No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 0° to 15°	A A A
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	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / Dive or roll angle 15° to 45° Spontaneous re-inflation	A A A	No collapse No Less than 45° Most lines tight  Less than 90° / Dive or roll angle 0° to 15° Spontaneous re-inflation	A A A
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	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / 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	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	A A A A
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  Twist occurs  Cascade occurs	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / 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	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
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  Twist occurs	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / 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 A A A A	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) No	A A A A A
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  Twist occurs  Cascade occurs	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / 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 No	A A A A A A A	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) No No	A A A A A A A
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  Twist occurs Cascade occurs Folding lines used	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / 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 A A A A	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) No No	A A A A A A A
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  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	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / 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 No No Spontaneous re-inflation No Spontaneous re-inflation	A A A A A A A A A A A A A A A A A A A	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) No No No No Spontaneous / Dive or roll angle 15° to 45° Spontaneous re-inflation	A A A A A A A A A A A A A A A A A A A
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  Twist occurs Cascade occurs Folding lines used Large asymmetric collapse Change of course until re-inflation / Maximum dive forward or roll angle	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / 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 No No Spontaneous re-inflation Less than 360° Spontaneous re-inflation Less than 360°	A A A A A A B	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) No No No Spontaneous re-inflation Less than 360° Spontaneous re-inflation Less than 360°	A A A A A A A A A A A A A A A A A A A
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  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	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight B  Less than 90° / 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 No No Spontaneous re-inflation No Spontaneous re-inflation	A A A A A A A A A A A A A A A A A A A	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) No No No No Spontaneous / Dive or roll angle 15° to 45° Spontaneous re-inflation	A A A A A A A A A A A A A A A A A A A
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  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	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / 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 On	A A A A A A A A A A A A A A A A A A A	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) No No No No Spontaneous re-inflation Less than 360° 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
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  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  Twist occurs Callapse on the opposite side occurs	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / 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 No No No Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No No No (or only a small number of collapsed cells with a spontaneous reinflation) No No No	A A A A A A A A A A A A A A A A A A A	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) No No No No No No No No No Or only a small number of collapsed cells with a spontaneous reinflation) No (or only a small number of collapsed cells with a spontaneous reinflation) No No No	A A A A A A A A A A A A A A A A A A A
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  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  Twist occurs Twist occurs Total change of course Collapse on the opposite side occurs	Dive forward 0° to 30° No collapse No Less than 45° Most lines tight  B  Less than 90° / 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 No No No No No No Or only a small number of collapsed cells with a spontaneous reinflation) No (or only a small number of collapsed cells with a spontaneous reinflation) Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No	A A A A A A A A A A A A A A A A A A A	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) No No No Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cells with a spontaneous reinflation) No No No No Or only a small number of collapsed cells with a spontaneous reinflation) No	A A A A A A A A A A A A A A A A A A A

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 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	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	Α			
collapse	Voc	۸	Van	۸
Able to keep course	Yes Yes	Α	Yes Yes	A
180° turn away from the collapsed side possible in 10 s  Amount of control range between turn and stall or spin		Α	More than 50 % of the symmetric	A
Amount of control range between turn and stall of spiri	More than 50 % of the symmetric control travel	Α	control travel	Α
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			
18. Recovery from a developed spin Spin rotation angle after release	<b>A</b> Stops spinning in less than 90°	Α	Stops spinning in less than 90°	Α
• • •		A A	Stops spinning in less than 90°	A A
Spin rotation angle after release	Stops spinning in less than 90°			
Spin rotation angle after release Cascade occurs	Stops spinning in less than 90°			
Spin rotation angle after release Cascade occurs  19. B-line stall	Stops spinning in less than 90° No 0	A	No	Α
Spin rotation angle after release Cascade occurs  19. B-line stall Change of course before release	Stops spinning in less than 90° No  not available	A 0	No not available	A 0
Spin rotation angle after release Cascade occurs  19. B-line stall Change of course before release Behaviour before release	Stops spinning in less than 90° No  not available not available	A 0 0	not available not available	0 0
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	Stops spinning in less than 90° No  not available not available not available not available not available not available	A 0 0 0	not available not available not available	0 0 0
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	Stops spinning in less than 90° No  not available not available not available not available not available not available B	0 0 0 0	not available not available not available not available not available not available	O O O O
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	Stops spinning in less than 90° No  not available not available not available not available not available be not available not available not available	0 0 0 0	not available not available not available not available not available standard technique	O O O O
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	Stops spinning in less than 90° No  not available not available not available not available not available B Dedicated controls Stable flight	A 0 0 0 0 0 0 A A	not available not available not available not available not available Standard technique Stable flight	A 0 0 0 0 0 0 A A
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	Stops spinning in less than 90° No  not available not available not available not available not available Selection of available not available not available selection of available Belection of available Bel	A 0 0 0 0 0 A A B	not available not available not available not available not available Standard technique Stable flight Spontaneous in less than 3 s	A 0 0 0 0 0 0 A A A
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	Stops spinning in less than 90° No  not available not available not available not available not available solution available solution available B Dedicated controls Stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°	A 0 0 0 0 0 0 A A	not available not available not available not available not available Standard technique Stable flight	A 0 0 0 0 0 0 A A
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	Stops spinning in less than 90° No  not available not available not available not available not available stable stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°  B	A 0 0 0 0 0 0 A A B A	not available not available not available not available not available standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30°	A 0 0 0 0 0 0 A A A A A
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	Stops spinning in less than 90° No  not available not available not available not available not available stable stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°  B Dedicated controls	A 0 0 0 0 0 0 A A B A A	not available not available not available not available not available standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Standard technique	A 0 0 0 0 0 0 A A A A A A
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	Stops spinning in less than 90° No  not available not available not available not available not available stable stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°  B Dedicated controls Stable flight	A 0 0 0 0 0 0 A A B A A A	not available not available not available not available not available Standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Standard technique Stable flight	A O O O O O O A A A A A A A A
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	Stops spinning in less than 90° No  not available not available not available not available not available solution available not available solution available B Dedicated controls Stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° B Dedicated controls Stable flight Recovery through pilot action in less than a further 3 s	A 0 0 0 0 0 0 A A B A A B B	not available not available not available not available not available Standard technique Stable flight Spontaneous in less than 3 s  Dive forward 0° to 30°  Standard technique Stable flight Spontaneous in less than 3 s	A 0 0 0 0 0 A A A A A A A A A
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	Stops spinning in less than 90° No  not available not available not available not available not available solution available not available solution available B Dedicated controls Stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°  B Dedicated controls Stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°	A 0 0 0 0 0 0 A A B A A B A	not available not available not available not available not available standard technique Stable flight Spontaneous in less than 3 s Dive forward 0° to 30° Standard technique Stable flight Spontaneous in less than 3 s	A O O O O O O A A A A A A A A A A A A A
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 Entry procedure Behaviour during big ears Recovery  Dive forward angle on exit	Stops spinning in less than 90° No  not available not available not available not available not available stable not available not available stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30°  B Dedicated controls Stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° Stable flight Recovery through pilot action in less than a further 3 s Dive forward 0° to 30° Stable flight	A 0 0 0 0 0 0 A A B A A B B	not available not available not available not available not available Standard technique Stable flight Spontaneous in less than 3 s  Dive forward 0° to 30°  Standard technique Stable flight Spontaneous in less than 3 s	A 0 0 0 0 0 A A A A A A A A A
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Cascade occurs No A No A

24. Comments of test pilot

Big ears done by B3

Big ears done by B3