Manufacturer	Mac Para	Type testing No.	EAPR-GS-7162/09
Address	756 61 Roznov pod Radhostem, CZ	Date of testing	18./19.02.2009
Model	Eden 4- 25	Location	Madeira



European Academy of Parachute Rigging e.V - Luitpoldstr. 30 - D87700 Memmingen - Germany Under approval of EPTA European Paraglider Testlaboratory Alicane

	Minimum take off weight	Maximum take off weight		
Testpilot	Johannes Tschofen	Mario Eder		
Harness	Altiplump	Academy		
Pilot's take off weight	79 kg	97 kg		

Classification	В
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		Minimum take off weight				
Test-criteria	teria		Evaluation	Maximum take off weight	Evaluation	
1. Inflation / take-off - 4.4.1						
Rising behavior		Smooth, easy and constant rising	Α	Smooth, easy and constant rising	А	
Special take off technique required		No	Α	No	А	
2. Landing - 4.4.2						
Special landing technique required		No	А	No	А	
3. Speeds in straight flight - 4.4.3						
Trim speed more than 30km/h		Yes	А	Yes	А	
Speed range using the controls larger than 10km/	h	Yes A Yes		Yes	А	
Minimum speed		Less than 25 km/h	А	Less than 25 km/h	А	
4. Control movement - 4.4.4		•				
Max. weight in flight up to 80kg			-		-	
Max. weight in flight 80 to 100kg		Increasing > 60cm	А	Increasing > 60cm	А	
Max. weight in flight greater than 100kg	x. weight in flight greater than 100kg		-		-	
5. Pitch stability exiting accelerated flight - 4.4	.5	1				
Dive forward angle on exit	, ,		Α	Dive forward less than 30°	А	
Collapse occurs		No	Α	No	Α	
6. Pitch stability operating controls during acc	elerated f	light - 4.4.6				
Collapse occurs		No	Α	No	А	
7. Roll stability and damping - 4.4.7						
Oscillations		Reducing	А	Reducing	A	
8. Stability in gentle spirals - 4.4.8						
Tendency to return to straight flight		Spontaneous exit	А	Spontaneous exit	А	
9. Behaviour in a steeply banked turn - 4.4.9						
Sink rate after two turns		More than 14m/s	В	More than 14m/s	В	
10. Symmetric front collapse - 4.4.10						
Entry	_	Rocking back less than 45°	А	Rocking back less than 45°	А	
Recovery	trim speed	Spontaneous in less than 3 sec	А	Spontaneous in 3 to 5 sec	В	
Dive forward angle on exit	Ĩ.	ا يِّا ا	0° - 30° Keeping course	А	30° - 60° Keeping course	В
Cascade occurs	1 =	No	Α	No	А	
Entry	р	Rocking back less than 45°	Α	Rocking back less than 45°	А	
Recovery	ate	Spontaneous in less than 3 sec	A	Spontaneous in less than 3 sec	A	
Dive forward angle on exit	accelerated	30° - 60° Keeping course	В	30° - 60° Keeping course	В	
Cascade occurs	ä	No	Α	No	Α	

11. Exiting deep stall (parachutal stall) - 4.4.11									
Deep stall achieved		Yes				Yes			
Recovery		Spontaneous in less than 3 sec			Α	Spontaneous in less than 3 sec			Α
Dive forward angle on exit		0° - 30°			A	30° - 60°			В
Change of course		Changing course	e less than 45°		A	Changing course	less than 45°		A
Cascade occurs		No			A	No			A
12. High angle of attack recovery - 4.4.12									
Recovery		Spontaneous in I	less than 3 sec		Α	Spontaneous in I	ess than 3 sec		Α
Cascade occurs		No			Α	No			Α
13. Recovery from a developed full stall - 4.4.13	3	-			, , ,				
Dive forward angle on exit		30° - 60°			В	30° - 60°			В
Collapse		No collapse			A	No collapse			A
Cascade occurs (other than collapse) Rocking backward		No Less than 45°			A	Less than 45°			A
Line tension		Most lines tight			A	Most lines tight			A
14. Asymmetric collapse (trim speed) - 4.4.14									
Change of course until re-inflation		< 90°	Dive or roll angle	15° - 45°	А	90° - 180°	Dive or roll angle	15° - 45°	В
	trim speed, max 50% collapse				,,		,		
Re-inflation behavior	9990	Spontaneous re-	inflation		Α	Spontaneous re-	inflation		Α
Total change of course	m %	Less than 360°			А	Less than 360°			Α
Collapse on the opposite side occurs Twist occurs	tri lax (No No			A	No No			A
Cascade occurs	E	No			A A	No			A
Change of course until re-inflation		90° - 180°	Dive or roll angle	15° - 45°	В	< 90°	Dive or roll angle	15° - 45°	A
Strainge of course until re-limitation	trim speed, max 75% collapse	00 100	or row angle	10 - 40	D	2.00	or row angle	10 - 40	
Re-inflation behavior	eed	Spontaneous re-	inflation		Α	Spontaneous re-	inflation		Α
Total change of course	n sp	Less than 360°			A	Less than 360°			Α
Collapse on the opposite side occurs	trin ax 7.	No			Α	No			Α
Twist occurs Cascade occurs	Ě	No No			A	No No			A
Cascade occurs		INO	ı	ı	A	140		T	A
Change of course until re-inflation	e e	< 90°	Dive or roll angle	15° - 45°	А	90° - 180°	Dive or roll angle	15° - 45°	В
Re-inflation behavior	accelerated, max 50% collapse	Spontaneous re-	inflation	I.	Α	Spontaneous re-	inflation	I .	Α
	accelerated, x 50% collap		innation				imation		
Total change of course Collapse on the opposite side occurs	ccel 50%	Less than 360°			A A	Less than 360° No			A
Twist occurs	a nax	No			A	No			A
Cascade occurs	_	No			A	No			A
Change of course until re-inflation	O)	90° - 180°	Dive or roll angle	15° - 45°	В	< 90°	Dive or roll angle	15° - 45°	Α
	d, apse					_			
Re-inflation behavior	rate	Spontaneous re-	inflation		Α	Spontaneous re-inflation		Α	
Total change of course		Less than 360°				Less than 360°			
	cel 75%				Α				Α
Collapse on the opposite side occurs	accelerated nax 75% colla	No			Α	No			Α
	accelerated, max 75% collapse								
Collapse on the opposite side occurs Twist occurs		No No No			A A	No No			A A
Collapse on the opposite side occurs Twist occurs Cascade occurs		No No No			A A	No No			A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymm	metric col	No No No llapse - 4.4.15			A A A	No No No			A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmathe asymmathe to keep course straight 180° turn away from the collapsed side possible in	metric col	No No No No Ilapse - 4.4.15 Yes			A A A	No No No Yes			A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmathe occurs Able to keep course straight	metric col	No No No No Ilapse - 4.4.15 Yes	of the symmetric c	control travel	A A A	No No No Yes	of the symmetric c	control travel	A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmatch before the course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16	metric col	No No No No No Alapse - 4.4.15 Yes Yes More than 50% o	of the symmetric c	control travel	A A A	No No No Yes Yes More than 50% o	of the symmetric c	control travel	A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmath and the to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs	metric col	No No No No Ilapse - 4.4.15 Yes	of the symmetric c	control travel	A A A	No No No Yes	of the symmetric c	control travel	A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmatch before the course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17	metric col	No No No No No No Iapse - 4.4.15 Yes Yes More than 50% o	of the symmetric c	control travel	A A A A	No No No Yes Yes More than 50% o	of the symmetric c	control travel	A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmatch as the course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs	metric col	No No No No No Alapse - 4.4.15 Yes Yes More than 50% o	of the symmetric c	control travel	A A A A	No No No Yes Yes More than 50% o	of the symmetric c	control travel	A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18	metric col	No N		control travel	A A A A	No No No Yes Yes More than 50% o		control travel	A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymmatch as the course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs	metric col	No No No No No No Iapse - 4.4.15 Yes Yes More than 50% o		control travel	A A A A	No No No Yes Yes More than 50% o		control travel	A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18	metric col	No N		control travel	A A A A A	No No No Yes Yes More than 50% o		control travel	A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19	metric col	No No No No No No No No No Yes Yes More than 50% of No Stops spinning ir	n less than 90°	control travel	A A A A A A A	No No No Yes Yes More than 50% of No Stops spinning in	n less than 90°	control travel	A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs	metric col	No N	n less than 90°	control travel	A A A A A A A	No No No Yes Yes More than 50% o	n less than 90°	control travel	A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19	metric col	No Stops spinning ir No Changing course	n less than 90°		A A A A A A	No No No Yes Yes More than 50% of No Stops spinning in No Changing course	n less than 90°		A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release	metric col	No Stops spinning ir No Changing course	n less than 90° e less than 45° with straight span		A A A A A A	No No No Yes Yes More than 50% of No Stops spinning in No Changing course	e less than 90° less than 45° with straight span		A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or s 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release	metric col	No No No No No No No No No Yes Yes More than 50% of No No Changing course Remains stable of	n less than 90° e less than 45° with straight span		A A A A A A	No No No Yes Yes More than 50% of No Stops spinning in No Changing course Remains stable v	e less than 90° less than 45° with straight span		A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or s 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery	metric col	No No No No No No No Tes Yes Yes More than 50% of No No Changing course Remains stable v Spontaneous in l	n less than 90° e less than 45° with straight span		A A A A A A	No No No Yes Yes More than 50% of No Stops spinning ir No Changing course Remains stable v Spontaneous in 3	e less than 90° less than 45° with straight span		A A A A A B
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit	metric col	No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in I 0° - 30°	n less than 90° e less than 45° with straight span		A A A A A A	No No No Yes Yes More than 50% of No No Changing course Remains stable of Spontaneous in 3 0° - 30°	e less than 90° less than 45° with straight span		A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side. 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs	metric col	No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in I 0° - 30°	n less than 90° eless than 45° with straight span less than 3 sec		A A A A A A	No No No Yes Yes More than 50% of No No Changing course Remains stable of Spontaneous in 3 0° - 30°	e less than 45° with straight span 3 to 5 sec		A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or s 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20	metric col	No Yes Yes More than 50% of No Stops spinning in No Changing course Remains stable of Spontaneous in I 0° - 30° No Standard technic Stable flight	n less than 90° eless than 45° with straight span less than 3 sec		A A A A A A A A A A A A A A A	No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in 30° - 30° No Special device re Stable flight	e less than 90° se less than 45° with straight span 3 to 5 sec		A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or stall or cours 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure	metric col	No N	n less than 90° eless than 45° with straight span less than 3 sec		A A A A A A A A	No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug	e less than 45° with straight span 3 to 5 sec		A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or stall or cours 16. Trim speed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure Behaviour during big ears	metric col	No Yes Yes More than 50% of No Stops spinning in No Changing course Remains stable of Spontaneous in I 0° - 30° No Standard technic Stable flight	n less than 90° eless than 45° with straight span less than 3 sec		A A A A A A B	No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in 30° - 30° No Special device re Stable flight	e less than 90° se less than 45° with straight span 3 to 5 sec		A A A A A A A B B B
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or s	metric col	No Steps = 4.4.15 Incomplete than 50% of the step of the st	n less than 90° eless than 45° with straight span less than 3 sec		A A A A A A A A A	No No No Yes Yes More than 50% of No Stops spinning in No Changing course Remains stable of Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec	e less than 90° se less than 45° with straight span 3 to 5 sec		A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or s	metric col	No N	e less than 45° with straight span less than 3 sec		A A A A A A A A A A A A A A A A A A A	No No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable v Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec 0° bis 30°	e less than 90° e less than 45° with straight span 3 to 5 sec		A A A A A A A B B A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side of the collapsed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big Ears in accelerated flight - 4.4.21 Entry procedure	metric col	No N	e less than 45° with straight span less than 3 sec		A A A A A A A A A A A A A A A A A A A	No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec 0° bis 30°	e less than 90° e less than 45° with straight span 3 to 5 sec		A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side of the collapsed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big Ears in accelerated flight - 4.4.21 Entry procedure Behaviour during big ears	metric col	No N	e less than 90° e less than 45° with straight span less than 3 sec	ss than a further	A A A A A A A A A A A A A A A A A A A	No No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable v Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec 0° bis 30°	e less than 90° less than 45° with straight span 3 to 5 sec equired h pilot action in lessequired	ss than a further	A A A A A A A B B A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side of the collapsed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big Ears in accelerated flight - 4.4.21 Entry procedure	metric col	No N	e less than 45° with straight span less than 3 sec	ss than a further	A A A A A A A A A A A A A A A A A A A	No No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable v Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec 0° bis 30°	e less than 90° e less than 45° with straight span 3 to 5 sec	ss than a further	A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or side of the collapsed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big Ears in accelerated flight - 4.4.21 Entry procedure Behaviour during big ears Recovery Dive forward angle on exit	10 sec spin	No N	e less than 90° e less than 45° with straight span less than 3 sec	ss than a further	A A A A A A A A A A A A A A A A A A A	No No No No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable to Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec 0° bis 30° Special device re Stable flight Recovery throug	e less than 90° less than 45° with straight span 3 to 5 sec equired h pilot action in lessequired	ss than a further	A A A A A A A A A A A A A A A A A A A
Collapse on the opposite side occurs Twist occurs Cascade occurs 15. Directional control with a maintained asymr Able to keep course straight 180° turn away from the collapsed side possible in Amount of control range between turn and stall or stall or control training to the collapsed side possible in Amount of control range between turn and stall or stall or collapsed spin tendency - 4.4.16 Spin occurs 17. Low speed spin tendency - 4.4.17 Spin occurs 18. Recovery from a developed spin - 4.4.18 Spin rotation angle after release Cascade occurs 19. B-line-stall - 4.4.19 Change of course before release Behaviour before release Recovery Dive forward angle on exit Cascade occurs 20. Big ears - 4.4.20 Entry procedure Behaviour during big ears Recovery Dive forward angle on exit 21. Big Ears in accelerated flight - 4.4.21 Entry procedure Behaviour during big ears Recovery	10 sec spin	No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in I 0°-30° No Standard technic Stable flight Recovery throug 3 sec O°-30° Standard technic Stable flight Recovery throug 3 sec	e less than 90° e less than 45° with straight span less than 3 sec	ss than a further	A A A A A A B B A B	No No No No Yes Yes More than 50% of No No Stops spinning in No Changing course Remains stable of Spontaneous in 3 0° - 30° No Special device re Stable flight Recovery throug 3 sec Special device re Stable flight Recovery throug 3 sec	e less than 90° less than 45° with straight span 3 to 5 sec equired h pilot action in lessequired	ss than a further	A A A A A A B B A A A B B A A B B A A A B B A A B B A A B B B A A B

22. Behaviour exiting a steep spiral - 4.4.22				
Tendency to return to straight flight	Spontaneous exit	А	Spontaneous exit	А
Turn angle to recover normal flight	Less than 720°, spontaneous recovery	Α	Less than 720°, spontaneous recovery	Α
23. Alternative means of directional control - 4	.4.23			
180° turn achievable in 20 sec	Yes	А	Yes	Α
Stall or spin occurs	No	Α	No	Α
24. Any other flight procedure and/or configura	ation described in the user's manual - 4.4.24			
Procedure works as descibed		NA		NA
Procedure suitable for novice pilots		NA		NA
Cascade occurs		NA		NA
25. Remarks of testpilot:				
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