



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

	Minimum take off w	eight	Maximum take off we <u>ight</u>			
Testpilot	Johannes Tschofen		Eki Maute	8		
Harness	Academy Gurtzeug	1	Academy Gurtzeug			
Pilot's take off weight	105 kg	Name of Street, Street	135 kg	PRANCE.		

Classification	С
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Test-criteria		Minimum take off weight	Evaluation	Maximum take off weight	Evaluation
1. Inflation / take-off - 4.4.1					
Rising behavior		Delayed	В	Smooth, easy and constant rising	Α
Special take off technique required		No	Α	No	Α
2. Landing - 4.4.2					
Special landing technique required		No	Α	No	Α
3. Speeds in straight flight - 4.4.3					
Trim speed more than 30km/h		Yes	Α	Yes	Α
Speed range using the controls larger than 10km/h		Yes	А	Yes	Α
Minimum speed		Less than 25 km/h	Α	Less than 25 km/h	Α
4. Control movement - 4.4.4					
Max. weight in flight up to 80kg			-		-
Max. weight in flight 80 to 100kg		Increasing 45cm - 60cm	С		-
Max. weight in flight greater than 100kg	Max. weight in flight greater than 100kg		-	Increasing >65 cm	А
5. Pitch stability exiting accelerated flight - 4.4.	5				
Dive forward angle on exit		Dive forward less than 30°	Α	Dive forward less than 30°	Α
Collapse occurs		No	Α	No	Α
6. Pitch stability operating controls during acce	lerated fli	ght - 4.4.6			
Collapse occurs		No	Α	No	Α
7. Roll stability and damping - 4.4.7					
Oscillations		Reducing	А	Reducing	Α
8. Stability in gentle spirals - 4.4.8					
Tendency to return to straight flight		Spontaneous exit	А	Spontaneous exit	Α
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°	han 45° A Rocking back less than 45°		Α
Recovery	trim speed	Spontaneous in less than 3 sec	А	Spontaneous in less than 3 sec	Α
Dive forward angle on exit	Ë	0° - 30° Keeping course	А	0° - 30° Entering a turn of less than 90°	Α
Cascade occurs	+	No	А	No	Α
Entry	р	Rocking back less than 45°	Α	Rocking back less than 45°	Α
Recovery	rate	Spontaneous in less than 3 sec	Α	Spontaneous in less than 3 sec	Α
Dive forward angle on exit	accelerated	30° - 60° Keeping course	В	30° - 60° Entering a turn of less than 90°	В
Cascade occurs	Ø	No	А	No	Α

14 Eviting doop stell (perceptutal stell) 4.4.11									
	deep stall (parachutal stall) - 4.4.11				Yes				
Deep stall achieved		Yes							
Recovery		Spontaneous in less than 3 sec		Α	Spontaneous in less than 3 sec		Α		
Dive forward angle on exit		0° - 30°		Α	30° - 60°			В	
Change of course	lange of course		e less than 45°		A	Changing cours	e less than 45°		A
		No			Α	No			Α
12. High angle of attack recovery - 4.4.12		I							
Recovery		Spontaneous in	less than 3 sec		Α	Spontaneous in	less than 3 sec		Α
Cascade occurs		No		Α	No			Α	
13. Recovery from a developed full stall - 4.4.1	3	•				•			
Dive forward angle on exit		30° - 60°			В	30° - 60°			В
Collapse		No collapse				No collapse			A
Cascade occurs (other than collapse)		No			Α	No			Α
Rocking backward  Line tension		Less than 45°			A	Less than 45° Most lines tight			A
14. Asymmetric collapse (trim speed) - 4.4.14		Most lines tight			Α	Wost lines tight			А
14. Asymmetric conapse (trim speed) - 4.4.14	I	1	1	1		1	<u> </u>		
Change of course until re-inflation	8	< 90°	Dive or roll angle	0° - 15°	Α	< 90°	Dive or roll angle	15° - 45°	Α
Re-inflation behavior	ab, ad	Spontaneous re-	inflation		Α	Spontaneous re	inflation	li .	Α
	trim speed, max 50% collapse		-iiiiatioii			· ·	-iiiiatioii		
Total change of course		Less than 360°			A	Less than 360°			A
Collapse on the opposite side occurs Twist occurs	tr nax	No			A	No			A A
Cascade occurs	1 -	No			A	No			A
Change of course until re-inflation		< 90°	Dive or roll angle	15° - 45°	A	90° - 180°	Dive or roll angle	15° - 45°	В
Change of Course until re-initiation	pse	_ 30	5.53 or for angle	15 - 45	A	30 - 100	5 or row arrigin	10 - 40	Б
Re-inflation behavior	trim speed, max 75% collapse	Spontaneous re-	-inflation		Α	Spontaneous re	-inflation		Α
Total change of course	ds %	Less than 360°			Α	Less than 360°			А
Collapse on the opposite side occurs	trim × 75	No			A	No			A
Twist occurs	ma	No			Α	No			А
Cascade occurs		No			Α	No			Α
Change of course until re-inflation		< 90°	Dive or roll angle	0° - 15°	Α	< 90°	Dive or roll angle	15° - 45°	А
Change of course until re-inflation	accelerated, max 50% collapse	< 90	Dive or roll angle	0 - 15	А	< 90	Dive or roll angle	15 - 45	А
Re-inflation behavior	accelerated, x 50% collap	Spontaneous re-	-inflation		Α	Spontaneous re	-inflation		Α
Total change of course	elera % c	Less than 360°			A	Less than 360°			A
Collapse on the opposite side occurs	3CC ×	No			A	No No			A
Twist occurs	ma) a	No			A	No			A
Cascade occurs		No			Α	No			Α
Change of course until re-inflation	an an	90° - 180°	Dive or roll angle	15° - 45°	В	90° - 180°	Dive or roll angle	15° - 45°	В
	accelerated, max 75% collapse			l			1		
Re-inflation behavior	accelerated, ıx 75% collap	Spontaneous re-	-inflation		Α	Spontaneous re	-inflation		Α
Total change of course	selei 5%	Less than 360°			Α	Less than 360°			Α
Collapse on the opposite side occurs	ax 7			Α	No			Α	
Twist occurs  Cascade occurs	٤	No No			A	No No			A
15. Directional control with a maintained asym	motric col				A	INO			А
Able to keep course straight	illeti ic coi	Yes			А	Yes			А
•									
180° turn away from the collapsed side possible in 10 sec		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			А
-		1			A Wore than 30 % of the symmetric control travel				, ,
16. Trim speed spin tendency - 4.4.16		T				C.			
Spin occurs		No			Α	No			Α
17. Low speed spin tendency - 4.4.17		Line				LNI			
Spin occurs		No			Α	No			А
18. Recovery from a developed spin - 4.4.18									
Spin rotation angle after release Stops		Stops spinning in 90° to 180°		С	Stops spinning i	n 90° to 180°		С	
Cascade occurs		No			Α	No			А
19. B-line-stall - 4.4.19									
Change of course before release		Changing course	e less than 45°		А	Changing cours	e less than 45°		А
Behaviour before release			with straight span		A				A
Bonaviour before felease		remains stable	onaigin spall	•	A	Remains stable with straight span			A
Recovery		Spontaneous in	less than 3 sec		Α	Spontaneous in less than 3 sec			Α
Dive forward angle on exit		0° - 30°		A	0° - 30°			Α	
Cascade occurs		No			A	No			A
20. Big ears - 4.4.20									
Entry procedure		Special device re	equired		Α	Special device r	equired		А
		Special device required							
Behaviour during big ears		Stable flight		A	Stable flight			A	
Recovery		Spontaneous in less than 3 sec		Α	Spontaneous in less than 3 sec			Α	
Dive forward angle on exit		0° - 30°			Α	0° bis 30°			А
21. Big Ears in accelerated flight - 4.4.21									
Entry procedure		Special device re	equired		Α	Special device r	equired		Α
• •					oquii ou				
Behaviour during big ears Stable flight				Α	Stable flight			Α	
	Recovery Spontaneous in less than 3 sec				Spontaneous in less than 3 sec			Α	
Recovery		Spontaneous in	less than 3 sec		Α	Spontaneous in	iess man 3 sec		
Recovery  Dive forward angle on exit		Spontaneous in	less than 3 sec		A	0° bis 30°	less than 3 sec		A
•	ator while	_	less than 3 sec				iess trair 3 sec		

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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