TES	T REPORT	WALLER Christophe	Date	16-avr-08	
MANUFACT		MODEL	FAIAL	SIZE L	
Procédure	Max weight	Weight in fkight	120 kg	'	
HARNAIS	SUP AIR EVO XC2		abs	VENTRAL 46 cm	
	001 71111 2110 7102			IRE AEROTEST	
				ncent +33680121809	
			teulier.v.s@v		
Magaurama	ente and possible r	angoo	tealier.v.s@	Wanadoo.n	
	ents and possible ra	anges			
1	Rising behaviour		0 11		
			Smooth,	easy and constant rising	F
2	Special take off tech	nnique			
			No		-
Measureme		inges in the landing test			
	Special landing tech	nnique required			
			No		
Measureme	nts and possible ra	inges in the speeds in sti	raight flight tes	t	
	Measurement and r	anges			
1	Trim speed more th	•			
•			Yes		
2	Speed range using	the controls larger than 10			•
_	opeca range asing	the controls larger than 10	Yes		
2	Minimum anood		163		,
3	Minimum speed		1 41-	OF I /I-	
01!!		to the section of the section of		an 25 km/h	-
Ciassificatio		behaviour in the control	movement tes	τ	
	Max weight in flight	greater than 100 kg			
			increasing g	reather than 65 cm	
Classification	on of a paraglider's	behaviour in the pitch st	tability exiting a	accelerated flight test	
1	Dive forward angle	on exit			
			Dive forwar	d less than 30°	-
2	Collapse occurs				
	'		No		-
Classification	on of a paraglider's	behaviour in the pitch st	ability operating	ng controls during	
accelerated					
	Collapse occurs				
			No		-
Classification	on of a naraglider's	behaviour in the roll state	110	nina test	
Ciacomoan	Oscillations	Denavious in the ron Star	and damp	9 1001	
	Oscillations		Reducir	20	-
Classification	on of a nargalidaria	behaviour in the stability			
Olassilicali(	Tendency to return		y in genue spira	ais lest	
	rendericy to return	io straight hight	Consultant and and	and a wit	
01 ''' ''				neous exit	/
Ciassification		behaviour in the behaviour	our in a steepiy	v banked turn test	
	Sink rate after two to	urns			
			12 to	14 m/s	/
Classification	of a paraglider's bel	naviour in the symmetric fr	ont collapse test		
	Entry	<u>-</u>			
	- /		Roc	king back less than 45°	
	Recovery			3	
	Tiooovery		Snontanco	us in less than 3 s	
	Divo forward angle	on ovit	Spontaneo	us in icss than 3 s	-
	Dive forward angle	OH EXIL	Dive famous of 6	0040 200 K	
	0		Dive forward (	o to 30° Keeping course	
	Cascade occurs				
			No		-

Classification of a paragilder's behaviour in the symmetric front collapse test accelerated Entry Recovery Rocking back less than 45° A Recovery Spontaneous in less than 3 s A Dive forward angle on exit Dive forward 0° to 30° Keeping course A Cascade occurs No A  Classification of a paragilder's behaviour in the exiting deep stall (parachutal stall) test 1 Deep stall achieved Yes A 2 Recovery Spontaneous in less than 3 s A 3 Dive forward angle on exit Dive forward 0° to 30° A 4 Change of course Changing course less than 45° A 5 Cascade occurs No A  Classification of a paragilder's behaviour in the high angle of attack recovery test 1 Recovery Spontaneous in less than A 2 Cascade occurs No A  Classification of a paragilder's behaviour in the full stall test 1 Dive forward angle on exit Dive forward angle on exit  2 Collapse No Collapse A 3 Cascade occurs (other than collapses) No A 4 Rocking back Less than 45° A 5 Line tension Most lines tight A Classification of a paragilder's behaviour in the asymmetric collapse test to 50% Change of course until re-inflation Less then 90° Dive or roll angle 0° to 15° A Collapse on the opposite side occurs No A Collapse on the opposite side occurs No A Cascade occurs No A Cascade occurs No A Cascade occurs No A			
Recovery  Recovery  Spontaneous in less than 45° A  Dive forward angle on exit  Cascade occurs  No A  Classification of a paraglider's behaviour in the exiting deep stall (parachutal stall) test  1 Deep stall achieved  Yes A  2 Recovery  Spontaneous in less than 3 s A  3 Dive forward angle on exit  Dive forward 0° to 30° A  4 Change of course  Changing course less than 45° A  Classification of a paraglider's behaviour in the high angle of attack recovery test  1 Recovery  Spontaneous in less than A  Classification of a paraglider's behaviour in the high angle of attack recovery test  1 Recovery  Spontaneous in less than A  Classification of a paraglider's behaviour in the full stall test  1 Dive forward angle on exit  Dive forward 30 et 60° B  2 Collapse  No collapse  A Classification of a paraglider's behaviour in the stall test  1 Dive forward 30 et 60° B  Classification of a paraglider's behaviour in the stall test  1 Dive forward 30 et 60° B  Classification of a paraglider's behaviour in the stall test  1 Dive forward 30 et 60° B  Classification of a paraglider's behaviour in the asymmetric collapse test to 50%  Change of course until re-inflation  Less than 45° A  Classification behaviour  Spontaneous re-inflation A  Total change of course  Less than 360° A  Collapse on the opposite side occurs  No A  Twist occurs  No A  Cascade occurs		etric front collapse test accelerated	
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Dive forward angle on exit  Cascade occurs  No  A  Classification of a paraglider's behaviour in the exiting deep stall (parachutal stall) test  1 Deep stall achieved  Yes  A 2 Recovery  Spontaneous in less than 3 s A 3 Dive forward angle on exit  Dive forward 0° to 30° A 4 Change of course  Changing course less than 45° A 5 Cascade occurs  No  A  Classification of a paraglider's behaviour in the high angle of attack recovery test  1 Recovery  Spontaneous in less than A A  Classification of a paraglider's behaviour in the high angle of attack recovery test  1 Recovery  Spontaneous in less than A A  Classification of a paraglider's behaviour in the full stall test  1 Dive forward angle on exit  Dive forward 30 et 60° B 2 Collapse  No collapse  No collapse  A 3 Cascade occurs (other than collapses)  A 5 Line tension  Most lines tight  A Classification of a paraglider's behaviour in the asymmetric collapse test to 50%  Change of course until re-inflation  Less then 90° Dive or roll angle 0° to 15° A Re-inflation behaviour  Spontaneous re-inflation  A Collapse on the opposite side occurs  No  A Cascade occurs  No  A Cascade occurs  No  A Cascade occurs  No  A Cascade occurs	Recovery	Spontaneous in less than 3 s	Α
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Twist occurs  No A  Cascade occurs	Collapse on the opposite side occurs	No	Α
Cascade occurs	Twist occurs		
	Cascade occurs	No	A
		No	A

Change of course until re-inflation  Re-inflation behaviour  Total change of course  Collapse on the opposite side occurs  No  Twist occurs  No  Cascade occurs  No  Total change of course Less than 360°  Cascade occurs  No  Cascade occurs  No  Re-inflation behaviour in the asymmetric collapse test 75%  Change of course until re-inflation  Less then 90° Dive or roll angle 15° to 48  Re-inflation behaviour  Spontaneous re-inflation  Total change of course  Less than 360°  Collapse on the opposite side occurs  No  Twist occurs  No  Cascade occurs  No  Cascade occurs  No  Re-inflation behaviour in the asymmetric collapse test 75% full speed  Change of course until re-inflation  Po° to 180° Dive or roll angle 45° to 66  Re-inflation behaviour  Spontaneous re-inflation  For to 180° Dive or roll angle 45° to 66  Re-inflation behaviour  Spontaneous re-inflation  Total change of course  Less than 360°  Collapse on the opposite side occurs  No  Twist occurs  No  Cascade occurs  No	ssilication of a paraglider's benaviour in t	the asymmetric collapse test to 50% full speed	
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Spin occurs		•	
•	IVIO	m speed spin tendency test	
No.	surements and possible ranges in the tri		
INU	surements and possible ranges in the tri		
	asurements and possible ranges in the tri	No	
Asurements and possible ranges in the low speed spin tendency test  Spin occurs	asurements and possible ranges in the trip Spin occurs		

	No	Α
Classification of a paraglider's behaviour in the recover  1 Spin rotation angle after release	ry from a developed spin test	
	Stops spinning in less than 90°	Α
2 Cascade occurs	No	Α
Classification of a paraglider's behaviour in the B	-	A
1 Change of course before release		
2 Behaviour before release	Changing course less than 45°	Α
2 Benavious Bolore release	Remains stable with straight span	Α
3 Recovery	Chantanasus in less than 0 a	A
4 Dive forward angle on exit	Spontaneous in less than 3 s	Α
	Dive forward 0° to 30°	Α
5 Cascade occurs	No	Α
Classification of a paraglider's behaviour in the bi		
1 Entry procedure		
2 Dehovious during his care	Standard technique	Α
2 Behaviour during big ears	Stable flight	Α
3 Recovery	· ·	
4 Dive forward angle on exit	Spontaneous in less than 3 s	Α
4 Dive lorward arigie on exit	Dive forward 0° to 30°	Α
Classification of a paraglider's behaviour in the bi	g ears in accelerated flight test	
1 Littly procedure	Standard technique	Α
2 Behaviour during big ears	·	
3 Recovery	Stable flight	Α
3 necovery	Spontaneous in less than 3 s	Α
4 Dive forward angle on exit	·	
5 Behaviour immediately after releasing th	Dive forward 0° to 30°	Α
5 behaviour infinediately after releasing th	Stable flight	Α
Classification of a paraglider's behaviour in the be	ehaviour exiting a steep spiral test	
1 Tendency to return to straight flight	Spontaneous exit	Α
2 Turn angle to recover normal flight		
Less	s than 720°, spontaneous recovery	Α
Classification of a paraglider's behaviour in the al	ternative means of directional control test	
1 180° turn achievable in 20 s		
O Otall or princes as	Yes	Α
2 Stall or spin occurs	No	Α