MANUFACTO	:51 Kt	EPORT	AVENNE Patrick	Date	16-avr-08	
		NERVURES	MODEL	FAIAL	SIZE	
Procédure		Min weight	Weight in fkight	90 kg		
HARNAIS	S	SUP AIR EVO XC2		abs	VENTRAL 42 cm	
					RE AEROTEST	
					ncent +33680121809	
				teulier.v.s@v		
Measuremen	nte an	d possible ranges		tounonvioev	<u>ranadoom</u>	
measaremen		Rising behaviour				
		lising benaviour		Smooth eas	sy and constant rising	Α
	2 S	pecial take off tech	nique	Omootii, cat	by and ouristant rising	
	2 0	pecial take on tech	inque	No		A
Measuremer	ite and	d noccible ranges	in the landing test	NO		
ivieaSui eiiieii		-				
	5	pecial landing tech	nique requirea	M-		
				No		Α
Measuremen		,	in the speeds in straigh	t flight test		
		leasurement and ra	9			
	1 T	rim speed more tha	an 30 km/h			
				Yes		Α
	2 S	peed range using t	he controls larger than 10	km/h		
				Yes		Α
	3 N	linimum speed				
				Less than	25 km/h	Α
Classificatio	n of a	paraglider's beha	viour in the control mov	ement test		
	N	lax weight in flight	80 to 100 kg			
		0 0		norocina arc	atou than 60 am	۸
Classificatio	n of o	nove aliderle hele			eater than 60 cm	Α
Ciassilicatio			viour in the pitch stability	y exiting acce	elerated hight test	
	ט ו	ive forward angle o				
	- 0		L	Dive forward le	ess than 30°	Α
	2 C	Collapse occurs				_
				No		Α
						A
			viour in the pitch stabilit	y operating c	ontrols during	A
	flight t	est	viour in the pitch stabilit	y operating c	ontrols during	A
	flight t		viour in the pitch stabilit	y operating c	ontrols during	A
accelerated f	flight t C	c <mark>est</mark> Collapse occurs		No		A
accelerated f	flight t C	cest Collapse occurs paraglider's beha	viour in the pitch stabilit	No		
accelerated f	flight t C	c <mark>est</mark> Collapse occurs		No		
accelerated f	flight t C on of a	collapse occurs paraglider's beha Oscillations	viour in the roll stability	No and damping Reducing	test	
accelerated f	flight t C on of a	collapse occurs paraglider's beha Oscillations		No and damping Reducing	test	A
accelerated f	flight t C n of a n of a	collapse occurs paraglider's beha Oscillations	viour in the roll stability viour in the stability in g	No and damping Reducing	test	A
accelerated f	flight t C n of a n of a	collapse occurs paraglider's beha Oscillations paraglider's beha	viour in the roll stability viour in the stability in g	No and damping Reducing	test	A
accelerated f	flight t C on of a on of a	collapse occurs paraglider's beha Oscillations paraglider's beha endency to return to	viour in the roll stability viour in the stability in good on straight flight	No and damping Reducing entle spirals to	<i>test</i> test us exit	A
accelerated f	flight t C n of a n of a T	collapse occurs paraglider's beha Oscillations paraglider's beha endency to return to	viour in the roll stability viour in the stability in good straight flight viour in the behaviour in	No and damping Reducing entle spirals to	<i>test</i> test us exit	A
accelerated f	flight t C n of a n of a T	paraglider's beha Oscillations paraglider's beha Decidency to return to	viour in the roll stability viour in the stability in good straight flight viour in the behaviour in	No and damping Reducing entle spirals to	<i>test</i> test us exit	A
accelerated f	flight t C n of a n of a T	paraglider's beha Oscillations paraglider's beha Decidency to return to	viour in the roll stability viour in the stability in good straight flight viour in the behaviour in	No and damping Reducing rentle spirals to Spontaneo a a steeply bar	test test us exit nked turn test	A
accelerated f	flight t C on of a T on of a S	paraglider's beha Oscillations paraglider's beha endency to return to the paraglider's beha paraglider's beha ink rate after two to	viour in the roll stability viour in the stability in go straight flight viour in the behaviour in the stability in go straight flight	No and damping Reducing entle spirals to Spontaneo a a steeply bar up to 12	test test us exit nked turn test	A
accelerated f	n of a T n of a S	paraglider's beha Oscillations paraglider's beha endency to return to paraglider's beha ink rate after two to	viour in the roll stability viour in the stability in good straight flight viour in the behaviour in	No and damping Reducing entle spirals to Spontaneo a a steeply bar up to 12	test test us exit nked turn test	A
accelerated f	n of a T n of a S	paraglider's beha Oscillations paraglider's beha endency to return to the paraglider's beha paraglider's beha ink rate after two to	viour in the roll stability viour in the stability in go straight flight viour in the behaviour in the stability in go straight flight	No and damping Reducing rentle spirals to Spontaneo a a steeply bar up to 12	test us exit nked turn test	A
accelerated f	flight t C In of a T In of a S Of a pa	paraglider's beha Oscillations paraglider's beha endency to return to paraglider's beha ink rate after two to paraglider's behavious intry	viour in the roll stability viour in the stability in go straight flight viour in the behaviour in the stability in go straight flight	No and damping Reducing rentle spirals to Spontaneo a a steeply bar up to 12	test test us exit nked turn test	A
accelerated f	flight t C In of a T In of a S Of a pa	paraglider's beha Oscillations paraglider's beha endency to return to paraglider's beha ink rate after two to	viour in the roll stability viour in the stability in g to straight flight viour in the behaviour in urns r in the symmetric front co	No and damping Reducing rentle spirals to Spontaneo a a steeply bar up to 12 ollapse test Rocking	test us exit nked turn test 2 m/s g back less than 45°	A
accelerated f	flight t C on of a T of a pa E R	paraglider's behatendency to return to paraglider's behavious intry	viour in the roll stability viour in the stability in good straight flight viour in the behaviour in the symmetric front co	No and damping Reducing rentle spirals to Spontaneo a a steeply bar up to 12 ollapse test Rocking	test us exit nked turn test	A
accelerated f	flight t C on of a T of a pa E R	paraglider's beha Oscillations paraglider's beha endency to return to paraglider's beha ink rate after two to paraglider's behavious intry	viour in the roll stability viour in the stability in good straight flight viour in the behaviour in the symmetric front co	No and damping Reducing rentle spirals to Spontaneo a a steeply bar up to 12 ollapse test Rocking	test us exit nked turn test 2 m/s g back less than 45°	A A A
accelerated f	flight t C on of a T of a pa E R	paraglider's behatendency to return to paraglider's behavious intry	viour in the roll stability viour in the stability in g o straight flight viour in the behaviour in urns on the symmetric front co	No and damping Reducing rentle spirals to Spontaneo a steeply bar up to 12 clapse test Rocking	test us exit nked turn test 2 m/s g back less than 45°	A
accelerated f	flight t C on of a T on of a S of a pa E R	paraglider's behatendency to return to paraglider's behavious intry	viour in the roll stability viour in the stability in g o straight flight viour in the behaviour in urns on the symmetric front co	No and damping Reducing rentle spirals to Spontaneo a steeply bar up to 12 clapse test Rocking	test us exit nked turn test 2 m/s g back less than 45° in less than 3 s	A A A
accelerated f	flight t C on of a T on of a S of a pa E R	paraglider's behate of the content o	viour in the roll stability viour in the stability in g o straight flight viour in the behaviour in urns on the symmetric front co	No and damping Reducing rentle spirals to Spontaneo a steeply bar up to 12 clapse test Rocking	test us exit nked turn test 2 m/s g back less than 45° in less than 3 s	A

Classification of	a paraglider's behaviou	r in the symmetric front collapse test accelerated	
	Entry	Decking beak lose than 450	A
	Recovery	Rocking back less than 45°	Α
	·	Spontaneous in less than 3 s	Α
	Dive forward angle of	Dive forward 0° to 30° Keeping course	Α
	Cascade occurs	Dive lorward 0 to 30 Reeping course	А
		No	Α
	a paraglider's behaviou 1 Deep stall achieved	r in the exiting deep stall (parachutal stall) test	
	i Deep stall achieved	No	Α
	2 Recovery		
	0 D' - (Spontaneous in less than 3 s	A
	3 Dive forward angle of	Dive forward 0° to 30°	Α
	4 Change of course	Dive forward of to our	
		Changing course less than 45°	Α
	5 Cascade occurs	No	Α
Classification (of a naraglider's heha	viour in the high angle of attack recovery test	A
	1 Recovery	vious in the high ungle of attack recovery test	
		Spontaneous in less than 3s	Α
	2 Cascade occurs	No	Α
Classification of	of a paraglider's beha		
	of a paraglider's beha 1 Dive forward angle o	viour in the full stall test on exit	
	1 Dive forward angle of	viour in the full stall test	A
		on exit Dive forward 0 et 30°	A
	1 Dive forward angle of	viour in the full stall test on exit Dive forward 0 et 30° No collapse	
	 Dive forward angle of Collapse Cascade occurs (other) 	viour in the full stall test on exit Dive forward 0 et 30° No collapse	Α
	Dive forward angle of 2 Collapse	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No	A
	 Dive forward angle of Collapse Cascade occurs (other) 	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses)	A
	 Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension 	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight	A A
	 Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension 	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50%	A A A
	 Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension 	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation	A A A A
	 Dive forward angle of Collapse Gascade occurs (oth Rocking back Line tension 	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45	A A A A
	 Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension a paraglider's behange of course under the course of the	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation	A A A A
	 Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension a paraglider's behand Change of course under the course of 	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation rse	A A A A A
	 Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension a paraglider's behange of course under the course of the	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation rse Less than 360°	A A A A
	1 Dive forward angle of 2 Collapse 2 Collapse 3 Cascade occurs (oth 4 Rocking back 5 Line tension of a paraglider's behate Change of course under the course of the course on the opposite of the course on the opposite of the course of the co	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation rse Less than 360°	A A A A A
	1 Dive forward angle of 2 Collapse 2 Collapse 3 Cascade occurs (oth 4 Rocking back 5 Line tension of a paraglider's behate Change of course under the country of the countr	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation rse Less than 360° osite side occurs No	A A A A A A
	1 Dive forward angle of 2 Collapse 2 Collapse 3 Cascade occurs (oth 4 Rocking back 5 Line tension of a paraglider's behated a Change of course under the course of the course on the copposition of the course of th	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation rse Less than 360° osite side occurs	A A A A A A A A
	1 Dive forward angle of 2 Collapse 2 Collapse 3 Cascade occurs (oth 4 Rocking back 5 Line tension of a paraglider's behate Change of course under the course of the course on the opposite of the course on the opposite of the course of the co	viour in the full stall test on exit Dive forward 0 et 30° No collapse ner than collapses) No Less than 45° Most lines tight viour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 15° to 45 ur Spontaneous re-inflation rse Less than 360° osite side occurs No	A A A A A A A

Classifica	ation of a paraglider's behaviour in the asy	mmetric collapse test to 50% full speed	
	Change of course until re-inflation	Less then 90° Dive or roll angle 15° to	45
	Re-inflation behaviour	2000 mon oc 2170 or ron anglo 10 to	
	Talalahananafan	Spontaneous re-inflation	
	Total change of course	Less than 360°	
	Collapse on the opposite side occurs		
		No	
	Twist occurs	No	
	Cascade occurs	No	
		No	
Classifica	ation of a paraglider's behaviour in the asy Change of course until re-inflation	mmetric collapse test 75%	
	Onlinge of course until re initiation	90° to 180° Dive or roll angle 15° to	45
	Re-inflation behaviour		
	Total change of course	Spontaneous re-inflation	
	rotal change of course	Less than 360°	
	Collapse on the opposite side occurs		
	Twist occurs	No	
	I WIST OCCUIS	No	
	Cascade occurs		
Classifica	ation of a paraglider's behaviour in the asy	No	
Olassinot	Change of course until re-inflation	mmetric conapse test 10% fan speed	
		180° to 360° Dive or roll angle 45° to	60
	Re-inflation behaviour	Spontaneous re-inflation	
	Total change of course	Spontaneous re-initation	
		Less than 360°	
	Collapse on the opposite side occurs		
	Twist occurs	No	
		No	
	Cascade occurs	No	
Measurem	ents and possible ranges in the directional con-		
	1 Able to keep course	Voc	
	2 180° turn away from the collapsed si	Yes de possible in 10 s	
	aa, a asimpood of	Yes	
	3 Amount of control range between tur	•	
Measurer	More that ments and possible ranges in the trim spec	n 50 % of the symmetric control travel	
casarer	Spin occurs	a opin tondoney toot	
l .		No	

Measurements		in the low speed spin tendency test	
	Spin occurs	No	Α
Classification of	a paraglider's behaviou	r in the recovery from a developed spin test	
	¹ Spin rotation andle a		Α
	2 Cascade occurs	No	Α
Classification of	of a paraglider's beha	viour in the B-line stall test	
	1 Change of course be	efore release	
	O Dalagria wala afawa wal	Changing course less than 45°	Α
	2 Behaviour before re	Remains stable with straight span	Α
	3 Recovery	nemans stable with straight span	A
	o riccovery	Spontaneous in less than 3 s	Α
	4 Dive forward angle of	•	
		Dive forward 0° to 30°	Α
	5 Cascade occurs		
		No	Α
		viour in the big ears test	
	1 Entry procedure	5	
	O Daharianu duning bi	Dedicated controls	Α
	2 Behaviour during big		
	3 Recovery	Stable flight	Α
	o necovery	Spontaneous in less than 3 s	Α
	4 Dive forward angle of		
		Dive forward 0° to 30°	Α
		viour in the big ears in accelerated flight test	
	1 Entry procedure		
	O Dahariaru druina bi	Dedicated controls	Α
	2 Behaviour during big	Stable flight	Α
	3 Recovery	Stable flight	
	S . 1000 toly	Spontaneous in 3 s to 5 s	Α
	4 Dive forward angle of	· · · · · · · · · · · · · · · · · · ·	
	3	Dive forward 0° to 30°	Α
	5 Behaviour immediat	ely after releasing the accelerator while maintaining big ears	
		Stable flight	Α
		viour in the behaviour exiting a steep spiral test	
	1 Tendency to return t	Spontaneous exit	Α
	Turn angle to recove	•	A
	2		
		Less than 720°, spontaneous recovery	Α
Classification of	of a paraglider's beha	viour in the alternative means of directional control test	
	1 180° turn achievable		
	0.00.11	Yes	Α
	2 Stall or spin occurs	No	٨
		IVU	Α