	ST REPORT		WALLER Christophe	e Date	10	6-avr-08	
MANUFACT			MODEL	FAIAL	SIZE	S	
Procédure	Max we		Weight in fkight	90 kg			
	SUP AIR RA			abs	VENTRAL	. 46 cm	1
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					incent +33680		
				teulier.v.s@		0.2.000	
Maseuram	ents and po	eciblo ra	angee	tounorivio	Wanaacom		
	Rising beha		inges				
'	Tusing bene	avioui		Smooth	oney and on	nstant rising	ı A
0	Coosial tale	ff +b		Silloutii,	easy and co	mstant rising	JA
	Special tak	e on tech	iriique	Ma			Α.
	unto and no	! - - "-		No			Α
weasureme			nges in the landing	test			
	Special land	ding tech	nique required				_
				No			Α
Measureme			nges in the speeds	in straight flight te	st		
	Measureme		_				
1	Trim speed	I more tha	an 30 km/h				
				Yes			Α
2	Speed rang	ge using t	he controls larger that	an 10 km/h			
				Yes			Α
3	Minimum s	peed					
				Less th	nan 25 km/h		Α
Classificati	on of a nara	anlider's	behaviour in the co	ntrol movement te	et		
Olassincan	Max weight		80 to 100 kg		3 1		
	weigh	t iii iiigiit	00 to 100 kg		greater than	s 60 cm	٨
				increasing	greater than	1 00 CIII	Α
011011			to a to a color construction of the construction			eli ala tana	
			behaviour in the pit	tch stability exiting	accelerated	flight test	
	on of a para Dive forwar			-		_	
1	Dive forwar	rd angle o		-	accelerated	_	A
1		rd angle o		Dive forwa		_	
1	Dive forwar	rd angle o	on exit	Dive forwa	rd less than :	30°	
1 2 Classificati e	Dive forwar Collapse or on of a para	rd angle o		Dive forwa	rd less than :	30°	
1 2 Classificati e	Dive forwar Collapse oc on of a para I flight test	rd angle o	on exit	Dive forwa	rd less than :	30°	
1 2 Classificati e	Dive forwar Collapse or on of a para	rd angle o	on exit	Dive forwa No ch stability operati	rd less than :	30°	
1 2 Classificati e	Dive forwar Collapse oc on of a para I flight test	rd angle o	on exit	Dive forwa	rd less than :	30°	A
1	Dive forwar Collapse oc on of a para I flight test	rd angle o	on exit	Dive forwa No ch stability operati	rd less than :	30°	A
1 2 Classification accelerated	Dive forward Collapse of Colla	rd angle of cours aglider's cours	on exit	Dive forwa No ch stability operati No	rd less than a	30°	A
1 Classification	Dive forward Collapse of Colla	rd angle of cours aglider's cours	behaviour in the pit	Dive forwa No ch stability operati No	rd less than a	30°	A
1 2 Classification accelerated	Dive forward Collapse of Colla	rd angle of cours aglider's cours	behaviour in the pit	Dive forwa No ch stability operati No	rd less than a	30°	A
1 2 Classification accelerated	Dive forward Collapse of Colla	rd angle of cours aglider's cours	behaviour in the pit	Dive forwa No ch stability operati No No	rd less than a	30°	A
1 Classification accelerated Classification	Dive forward Collapse of the c	rd angle of cours aglider's cours aglider's tions	behaviour in the pit	Dive forwa No sch stability operati No Il stability and dam Reduci	rd less than a	30°	A
Classification Classification	Dive forward Collapse of the c	rd angle of cours aglider's cours aglider's tions	behaviour in the pit behaviour in the ro	Dive forwa No sch stability operati No Il stability and dam Reduci	rd less than a	30°	A
1 Classification accelerated Classification	Dive forward Collapse of the c	rd angle of cours aglider's cours aglider's tions	behaviour in the pit	Dive forwa No ch stability operati No Il stability and dam Reduci	ng controls o	30°	A
1 Classification accelerated Classification	Dive forward Collapse of the c	rd angle of cours aglider's cours aglider's tions	behaviour in the pit behaviour in the ro	Dive forwa No ch stability operati No Il stability and dam Reduci	rd less than a	30°	A
Classification Classification Classification	Dive forward Collapse of On of a paral Iflight test Collapse of On of a para Oscillat Con of a para Tendency t	rd angle of cours aglider's cours aglider's tions aglider's o return t	behaviour in the pit behaviour in the ro	Dive forwa No sch stability operati No Il stability and dam Reduci ability in gentle spin	rd less than and controls of the control o	30°	A
Classification Classification Classification	Dive forward Collapse of On of a para Collapse of On of a para Oscillat On of a para Tendency t	rd angle of cours aglider's aglider's o return t	behaviour in the pit behaviour in the ro behaviour in the state o straight flight	Dive forwa No sch stability operati No Il stability and dam Reduci ability in gentle spin	rd less than and controls of the control o	30°	A
Classification Classification Classification	Dive forward Collapse of On of a paral Iflight test Collapse of On of a para Oscillat Con of a para Tendency t	rd angle of cours aglider's aglider's o return t	behaviour in the pit behaviour in the ro behaviour in the state o straight flight	Dive forwa No Ich stability operati No Il stability and dam Reduci ability in gentle spin Sponta shaviour in a steep!	ng controls of ping test ing rals test ineous exit	30°	A
Classification Classification Classification	Dive forward Collapse of On of a para Collapse of On of a para Oscillat On of a para Tendency t	rd angle of cours aglider's aglider's o return t	behaviour in the pit behaviour in the ro behaviour in the state o straight flight	Dive forwa No Ich stability operati No Il stability and dam Reduci ability in gentle spin Sponta shaviour in a steep!	rd less than and controls of the control o	30°	A
Classification Classification Classification Classification	Dive forward Collapse of On of a paral Iflight test Collapse of On of a para Oscillat Con of a para Tendency t On of a para Sink rate af	rd angle of cours aglider's cours aglider's tions aglider's fer two tu	behaviour in the pit behaviour in the ro	Dive forwa No sch stability operati No Il stability and dam Reduci ability in gentle spin Sponta shaviour in a steep!	rd less than and controls of ping test and rals test and records exit and ping test and records exit	30°	A
Classification Classification Classification Classification	Dive forward Collapse of the c	rd angle of cours aglider's cours aglider's tions aglider's fer two tu	behaviour in the pit behaviour in the ro behaviour in the state o straight flight	Dive forwa No sch stability operati No Il stability and dam Reduci ability in gentle spin Sponta shaviour in a steep!	rd less than and controls of ping test and rals test and records exit and ping test and records exit	30°	A
Classification Classification Classification Classification	Dive forward Collapse of On of a paral Iflight test Collapse of On of a para Oscillat Con of a para Tendency t On of a para Sink rate af	rd angle of cours aglider's cours aglider's tions aglider's fer two tu	behaviour in the pit behaviour in the ro	No Ich stability operation No Il stability and dam Reducion Sponta Sponta Chaviour in a steep! 12 to	ng controls of ping test ing rals test ineous exit y banked turn of 14 m/s	30° during	A
Classification Classification Classification Classification	Dive forward Collapse of the c	rd angle of cours aglider's cours aglider's tions aglider's fer two tu	behaviour in the pit behaviour in the ro	No Ich stability operation No Il stability and dam Reducion Sponta Sponta Chaviour in a steep! 12 to	rd less than and controls of ping test and rals test and records exit and ping test and records exit	30° during	A A A

		Spontaneous in less than 3 s	Α
	Dive forward angle of	Dive forward 0° to 30° Keeping course	Α
	Cascade occurs	·	
		No	Α
Classification	<mark>n of a paraglider's beh</mark> Entry	naviour in the symmetric front collapse test accelerated	
	Litty	Rocking back less than 45°	Α
	Recovery	Spontaneous in less than 3 s	Α
	Dive forward angle of	on exit	Δ.
	Cascade occurs	Dive forward 0° to 30° Keeping course	Α
		No	Α
		naviour in the exiting deep stall (parachutal stall) test	
'	Deep stall achieved	Yes	Α
2	Recovery	Spontaneous in less than 3 s	Α
3	Dive forward angle of	on exit	
4	Change of course	Dive forward 0° to 30°	Α
5	Cascade occurs	Changing course less than 45°	Α
		No	Α
<i>IClassificati</i>	on of a naradlider's	habariary in the high angle of attack vacarrays toot	
	Recovery	behaviour in the high angle of attack recovery test	
1	Recovery	Spontaneous in less than	Α
1	Recovery Cascade occurs	Spontaneous in less than No	A
1 2 Classification	Recovery Cascade occurs	Spontaneous in less than No behaviour in the full stall test	
1 2 Classification	Recovery Cascade occurs on of a paraglider's Dive forward angle of	Spontaneous in less than No behaviour in the full stall test	
1 2 Classification 1 2	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse	A
1 2 Classification 1 2	Recovery Cascade occurs on of a paraglider's Dive forward angle of	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse	A
Classification 2 2 3	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60 ° No collapse ner than collapses) No	B A
1 2 Classification 1 2 3 4	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (other)	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45°	B A A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60 ° No collapse ner than collapses) No	B A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45° Most lines tight behaviour in the asymmetric collapse test to 50% ntil re-inflation	B A A A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension on of a paraglider's	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45° Most lines tight behaviour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 0° to 15 ur	B A A A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension on of a paraglider's Change of course un	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45° Most lines tight behaviour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 0° to 15 ur Spontaneous re-inflation	B A A A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension on of a paraglider's Change of course un Re-inflation behavio Total change of cours	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45° Most lines tight behaviour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 0° to 15 ur Spontaneous re-inflation rse Less than 360°	B A A A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension on of a paraglider's Change of course un Re-inflation behavior Total change of cour Collapse on the opp	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45° Most lines tight behaviour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 0° to 15 ur Spontaneous re-inflation rse Less than 360°	A A A A A
1 2 Classification 1 2 3 4 5	Recovery Cascade occurs on of a paraglider's Dive forward angle of Collapse Cascade occurs (oth Rocking back Line tension on of a paraglider's Change of course un Re-inflation behavio Total change of cours	Spontaneous in less than No behaviour in the full stall test on exit Dive forward 30 et 60° No collapse ner than collapses) No Less than 45° Most lines tight behaviour in the asymmetric collapse test to 50% ntil re-inflation Less then 90° Dive or roll angle 0° to 15 ur Spontaneous re-inflation rse Less than 360° osite side occurs	B A A A A

	No
	behaviour in the asymmetric collapse test to 50% full speed
Change of course u	Less then 90° Dive or roll angle 15° to 45°
Re-inflation behavio	Spontaneous re-inflation
Total change of cou	Less than 360°
Collapse on the opp	posite side occurs No
Twist occurs	No
Cascade occurs	No
Classification of a paraglider's	behaviour in the asymmetric collapse test 75%
Change of course u	ntil re-inflation Less then 90° Dive or roll angle 45° to 60°
Re-inflation behavio	Spontaneous re-inflation
Total change of cou	Less than 360°
Collapse on the opp	posite side occurs No
Twist occurs	No
Cascade occurs	No
Classification of a paraglider's	behaviour in the asymmetric collapse test 75% full speed
Change of course u	
Re-inflation behavio	Spontaneous re-inflation
Total change of cou	
Collapse on the opp	posite side occurs No
Twist occurs	No
Cascade occurs	No
	s in the directional control with a maintained
1 Able to keep course	Yes
1 Able to keep course)
1 Able to keep course 2 180° turn away from	Yes the collapsed side possible in 10 s
1 Able to keep course 2 180° turn away from 3 Amount of control ra	Yes 1 the collapsed side possible in 10 s Yes ange between turn and stall or spin

Measurements and possible ranges in the	low speed spin tendency test	
Spin occurs		
	No	Α
Classification of a paraglider's behaviour in th	e recovery from a developed spin test	
1 Spin rotation angle after release	* *	
	Stops spinning in less than 90°	Α
2 Cascade occurs		
Classification of a paraglider's behaviour	No in the R-line stall test	Α
1 Change of course before releas		
	Changing course less than 45°	Α
2 Behaviour before release	Damaina atable with atvainbt an an	Δ
3 Recovery	Remains stable with straight span	Α
o Hoodvery	Spontaneous in less than 3 s	Α
4 Dive forward angle on exit	·	
F. Casaada aasiira	Dive forward 0° to 30°	Α
5 Cascade occurs	No	Α
Classification of a paraglider's behaviour		
1 Entry procedure		
2 Pohoviour during hig core	Standard technique	Α
2 Behaviour during big ears	Stable flight	Α
3 Recovery	5	
45: 4	Spontaneous in less than 3 s	Α
4 Dive forward angle on exit	Dive forward 0° to 30°	Α
	Bive forward 0 to 50	
Classification of a paraglider's behaviour	in the big ears in accelerated flight test	
1 Entry procedure	6	
2 Behaviour during big ears	Standard technique	Α
2 Deflaviour during big ears	Stable flight	Α
3 Recovery	<u> </u>	
4.50	Spontaneous in less than 3 s	Α
4 Dive forward angle on exit	Dive forward 0° to 30°	Α
5 Behaviour immediately after rele	easing the accelerator while maintaining big ears	
	Stable flight	Α
	to the habitation with	
Classification of a paraglider's behaviour 1 Tendency to return to straight fli	in the behaviour exiting a steep spiral test	
1 Tendency to return to straight in	Spontaneous exit	Α
2 Turn angle to recover normal flig	•	
	Less than 720°, spontaneous recovery	Α
Classification of a paraglidar's hobaviour	in the alternative means of directional control test	
1 180° turn achievable in 20 s	in the alternative means of directional control test	
	Yes	Α
2 Stall or spin occurs	Na	Α
	No	Α