TEST REPORT		BOYER Marc	DYER Marc Date 02-juin-08		
MANUFACTORY		MODEL	FAIAL	SIZE S	
Procédure	Min weight	Weight in fkight	70 kg		
HARNAIS	SUP AIR EVO XC2		abs	VENTRAL 42 c	m
				RE AEROTEST	
				cent +33680121809	
			teulier.v.s@w		
Measurements a	and possible ranges				
	Rising behaviour				
	Thomas bornaviour		Smooth, easy	and constant rising	a A
2	Special take off tech	nique			9
2			No		Α
Measurements a	nd possible ranges	in the landing test	110		~
modouromonto u	Special landing tech				
	opecial landing teel		No		Α
Measurements a	nd nossihla ranges	in the speeds in straight f			~
measurements a	Measurement and ra		iigini test		
1	Trim speed more that	0			
1	min speed more the		Yes		Α
0	Coord range using t	the controle lorger than 10 kg			A
2	Speed range using i	the controls larger than 10 ki			٨
0			Yes		Α
3	Minimum speed		Less then O		
			Less than 2	5 KM/N	Α
Classification of		viour in the control moven	nent test		
	Max weight in flight	up to 80 kg			_
		ir	creasing grea	iter than 55cm	Α
		viour in the pitch stability	exiting accele	rated flight test	
1	Dive forward angle of				
		Di	ve forward les	ss than 30°	Α
2	Collapse occurs				
			No		Α
Classification of	a paraglider's beha	viour in the pitch stability	operating con	trols during	
accelerated fligh	t test				
	Collapse occurs				
			No		Α
Classification of	a paraglider's beha	viour in the roll stability ar	nd damping te	st	
	Oscillations				
			Reducing		Α
			Ũ		
Classification of	a paraglider's beha	viour in the stability in ger	ntle spirals tes	t	
	Tendency to return t				
	,		Spontaneou	s exit	Α
Classification of	a naraglider's heha	viour in the behaviour in a	steenly hank	ed turn test	
Charlen Of	Sink rate after two tu		otopiy baim		
			un to 10	m/o	
			up to 12		Α
Classification of a		ir in the symmetric front colla	apse test		
	Entry		-		
	-		Rocking	back less than 45°	Α
	Recovery				

		Spontaneous in less than 3 s	Α
	Dive forward angle o	Dive forward 0° to 30° Keeping course	Α
	Cascade occurs		
		No	Α
Classification of a		r in the symmetric front collapse test accelerated	
	Entry	Rocking back less than 45°	Α
	Recovery		
	Dive forward angle	Spontaneous in less than 3 s	Α
	-	Dive forward 0° to 30° Keeping course	Α
	Cascade occurs	Νο	Α
	paraglider's behaviou 1 Deep stall achieved	r in the exiting deep stall (parachutal stall) test	
	Deep stall achieved	No	Α
2	2 Recovery	Spontaneous in less than 3 s	Α
3	3 Dive forward angle o		A
	1 Change of course	Dive forward 0° to 30°	Α
2	4 Change of course	Changing course less than 45°	Α
Ę	5 Cascade occurs	Na	•
Classification o	f a paraglider's beha	No viour in the high angle of attack recovery test	Α
	1 Recovery		
	2 Cascade occurs	Spontaneous in less than 3s	Α
		No	Α
Classification o	f a paraglider's beha	viour in the full stall test	
	1 Dive forward angle o	on exit	
2	2 Collapse	Dive forward 30 et 60°	В
2		No collapse	Α
3	3 Cascade occurs (oth	ner than collapses) No	Α
2	4 Rocking back		~
E	5 Line tension	Less than 45°	Α
		Most lines tight	Α
Classification o	f a paraglider's behave Change of course ur	viour in the asymmetric collapse test to 50%	
	-	Less then 90° Dive or roll angle 15° to 45°	° A
	Re-inflation behaviou	ur Spontaneous re-inflation	Α
	Total change of cour	•	A
	Collance on the one	Less than 360°	Α
	Collapse on the oppo	No	Α
		no	
	Twist occurs	No	٨

	Cascade occurs		
		No	Α
Classification of		aviour in the asymmetric collapse test to 50% full speed	
	Change of course u	ntil re-inflation 90° to 180° Dive or roll angle 0° t	ο 15° Δ
	Re-inflation behavio	•	
		Spontaneous re-inflation	Α
	Total change of cou		
	Colleges on the end	Less than 360°	Α
	Collapse on the opp	No	Α
	Twist occurs		~
		No	Α
	Cascade occurs		
Classification of	f a naraalidar'e hoha	No aviour in the asymmetric collapse test 75%	Α
Classification of	Change of course u		
	g	90° to 180° Dive or roll angle 15° t	to 45° B
	Re-inflation behavio		
	Total abay no of our	Spontaneous re-inflation	Α
	Total change of cou	Less than 360°	Α
	Collapse on the opp		~
		No	Α
	Twist occurs		
	Cascade occurs	No	Α
	Cascade occurs	No	Α
Classification of	f a waxa wiida da baba		
onaconnoation of	f a paraglider's bena	viour in the asymmetric collapse test 75% full speed	
	Change of course u	ntil re-inflation	
encontration of	Change of course u	ntil re-inflation 90° to 180° Dive or roll angle 45° t	to 60°C
		ntil re-inflation 90° to 180° Dive or roll angle 45° t ur	to 60°C A
	Change of course u	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation	
	Change of course u Re-inflation behavio Total change of cou	ntil re-inflation 90° to 180° Dive or roll angle 45° to pur Spontaneous re-inflation rse Less than 360°	
	Change of course u Re-inflation behavio	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° posite side occurs	A A
	Change of course u Re-inflation behavio Total change of cou Collapse on the opp	ntil re-inflation 90° to 180° Dive or roll angle 45° to pur Spontaneous re-inflation rse Less than 360°	Α
	Change of course u Re-inflation behavio Total change of cou	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° posite side occurs	A A
	Change of course u Re-inflation behavio Total change of cou Collapse on the opp	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° posite side occurs No No	A A A A
	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° oosite side occurs No No	A A A
Measurements an	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° posite side occurs No No	A A A A
Measurements an asymmetric collap	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° posite side occurs No No e directional control with a maintained	A A A A
<mark>Measurements an asymmetric colla</mark> t	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th ose test	ntil re-inflation 90° to 180° Dive or roll angle 45° to our Spontaneous re-inflation rse Less than 360° posite side occurs No No No e directional control with a maintained Yes	A A A A
<mark>Measurements an asymmetric colla</mark> t	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th ose test	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° oosite side occurs No No No te directional control with a maintained Yes the collapsed side possible in 10 s	A A A A A
Measurements an asymmetric collar	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in those test Able to keep course 2 180° turn away from	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° posite side occurs No No No No te directional control with a maintained Yes the collapsed side possible in 10 s Yes	A A A A
Measurements an asymmetric collar	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in those test Able to keep course 2 180° turn away from	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° oosite side occurs No No No te directional control with a maintained Yes the collapsed side possible in 10 s Yes ange between turn and stall or spin	A A A A A A A
Measurements an asymmetric collar 2 2	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th ose test Able to keep course 2 180° turn away from 3 Amount of control ra	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° posite side occurs No No No No te directional control with a maintained Yes the collapsed side possible in 10 s Yes	A A A A A
Measurements an asymmetric collar 2 2	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th ose test Able to keep course 2 180° turn away from 3 Amount of control ra	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° oosite side occurs No No No te directional control with a maintained Yes the collapsed side possible in 10 s Yes ange between turn and stall or spin More than 50 % of the symmetric control travel in the trim speed spin tendency test	A A A A A A A
Measurements an asymmetric collar 1 2 3 Measurements a	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th ose test Able to keep course 2 180° turn away from 3 Amount of control ranges Spin occurs	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° posite side occurs No No No No No No No No No No	A A A A A A A
Measurements an asymmetric collar 1 2 3 Measurements a	Change of course u Re-inflation behavio Total change of cou Collapse on the opp Twist occurs Cascade occurs d possible ranges in th ose test Able to keep course 2 180° turn away from 3 Amount of control ranges Spin occurs	ntil re-inflation 90° to 180° Dive or roll angle 45° t our Spontaneous re-inflation rse Less than 360° oosite side occurs No No No te directional control with a maintained Yes the collapsed side possible in 10 s Yes ange between turn and stall or spin More than 50 % of the symmetric control travel in the trim speed spin tendency test	A A A A A A A

Classification of a para	aglider's behaviou	r in the recovery from a developed spin test	
-	in rotation angle a		
		Stops spinning in less than 90°	Α
2 Ca	scade occurs	Νο	Α
Classification of a n	aradlider's behav	viour in the B-line stall test	A
	ange of course be		
	lange of course be	Changing course less than 45°	Α
2 Bel	haviour before rele		
3 Be	covery	Remains stable with straight span	Α
0 110		Spontaneous in less than 3 s	Α
4 Div	ve forward angle o		
5.00	scade occurs	Dive forward 0° to 30°	Α
5 Ga		No	Α
Classification of a p	araglider's behav	viour in the big ears test	
	try procedure		
	, ,	Dedicated controls	Α
2 Bel	haviour during big		
2 80		Stable flight	Α
3 Re	covery	otable hight	~
	,	Spontaneous in less than 3 s	Α
4 Div	e forward angle o	n exit	
		Dive forward 0° to 30°	Α
Classification of a p	araglider's behav	viour in the big ears in accelerated flight test	
1 Ent	try procedure		
		Dedicated controls	Α
2 Bel	haviour during big	ears	
		Stable flight	Α
3 Re	covery		
		Spontaneous in 3 s to 5 s	Α
4 Div	ve forward angle o		
		Dive forward 0° to 30°	Α
5 Bel	haviour immediate	ely after releasing the accelerator while maintaining big ears	
		Stable flight	Α
		viour in the behaviour exiting a steep spiral test	
1 Tei	ndency to return to	o straight flight	
		Spontaneous exit	Α
	rn angle to recove	r normal flight	
2			
		Less than 720°, spontaneous recovery	Α
		viour in the alternative means of directional control test	
1 180	0°turn achievable		
		Yes	Α
2 Sta	all or spin occurs		-
		No	Α