TEST REPORT		EXIGA Didier / patrick AVENNE	Date	12-juin-08	
MANUFACTORY	NERVURES	MODEL FAÎAL Bivouac		SIZE	M
Procédure	Poids min	Weight in fkight	80 kg		
HARNAIS	SUP AIR EVO XC2	TYPE	abs	VENTRAL	42 cm

LABORATOIRE AEROTEST

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Measurements and possible ranges	Taman Tolking	
1 Rising behaviour		
	Smooth, easy and constant rising	Α
2 Special take off technique		
		Α
Measurements and possible ranges in the l		
Special landing technique re	•	
Messurements and possible renges in the		Α
Measurements and possible ranges in the s Measurement and ranges	speeds in straight hight test	
1 Trim speed more than 30 km	n/h	
T Thin speed more than 60 Ki		Α
2 Speed range using the cont		
	· · · · · · · · · · · · · · · · · · ·	Α
3 Minimum speed		П
	Less than 25 km/h	Α
Classification of a paraglider's behaviour in	the control movement test	
Max weight in flight	80 to 100 kg	
	increasing greater than 60 cm	Α
	the pitch stability exiting accelerated flight test	
1 Dive forward angle on exit		
O Callanaa aaassa	Dive forward less than 30°	Α
2 Collapse occurs	No	Α
Classification of a paraglider's behaviour in	the pitch stability operating controls during accelerate	
flight test	the piton stability operating controls during accolerate	<u> </u>
Collapse occurs		
	No	Α
Classification of a paraglider's behaviour in	the roll stability and damping test	
Oscillations		
		Α
Classification of a paraglider's behaviour in		
Tendency to return to straig		_
Classification of a paraglidaria habariarri		Α
Sink rate after two turns	the behaviour in a steeply banked turn test	
Sink rate after two turns	up to 12 m/s	Α
Classification of a paraglider's behaviour in the	-	
Entry	5, 1111101210 11 0100 001 11 pob 0050	
ĺ ,	Rocking back less than 45°	Α
Recovery		
	Spontaneous in 3 s to 5 s	В
Dive forward angle on exit		
	Dive forward 0° to 30° Entering a turn of less than 90°	A
Cascade occurs	No	Λ
	NIA	**

assification of a paraglid	er's behaviour in the	e symmetric front collapse test accelerated	
Entry			
Полома	2 K) (Rocking back less than 45°	F
Recove	el y	Spontaneous in 3 s to 5 s	E
Dive for	rward angle on exit	·	
		Dive forward 30° to 60° Entering a turn of less than 90°	, E
Cascac	de occurs	No	A
		110	
		e exiting deep stall (parachutal stall) test	
1 Deep s	tall achieved	Yes	-
2 Recove	erv	162	F
		Spontaneous in less than 3 s	A
3 Dive for	rward angle on exit		
4 Change	e of course	Dive forward 30° to 60°	E
4 Change	e of course	Changing course less than 45°	A
5 Cascac	de occurs	Onlinging course 1995 than 19	,
		No	F
		in the high angle of attack recovery test	
1 Recove	ery	Spontaneous in less than 3s	1
2 Cascac	de occurs	Opontalieous in less than 55	•
		No	A
assification of a parag	flider's behaviour i rward angle on exit		
1 Dive lo	i wai u aligie oli exit	Dive forward 30 et 60°	В
2 Collaps	se		
		No collapse	Δ
3 Cascac	de occurs (other tha	ın collapses) No	Δ
4 Rocking	g back	NO	-
, , , , , , , , , , , , , , , , , , , ,	9 2231	Less than 45°	A
5 Line ter	nsion		
soification of a navor	ulidaria babayiayı	Most lines tight	A
	e of course until re-i	in the asymmetric collapse test to 50%	
onange		90° to 180° Dive or roll angle 15° to 45°	° E
Re-infla	ation behaviour		
T. (- 1 - 1	h	Spontaneous re-inflation	Δ
l otal cr	hange of course	Less than 360°	Δ
Collaps	se on the opposite s		
•		No	Δ
Twist o	ccurs		-
Casaaa	de occurs	No	Δ
Cascac	de decuis	No	A
			-

Classification of	a paraglider's beha	viour in the asymmetric collapse test to 50% full speed	
	Change of course ur		
	Re-inflation behavio	Less then 90° Dive or roll angle 15° to ur	45° A
		Spontaneous re-inflation	Α
	Total change of cour		
	Collapse on the opp		Α
		No	Α
	Twist occurs	No	Α
	Cascade occurs		
		No	Α
Classification of		viour in the asymmetric collapse test 75%	
	Change of course up	90° to 180° Dive or roll angle 45° to	60°C
	Re-inflation behavio	<u> </u>	00 0
	rte-iiiiation benavio	Spontaneous re-inflation	Α
	Total change of cou		
		Less than 360°	Α
	Collapse on the opp		Α.
	Twist occurs	No	Α
	i wist occurs	No	Α
	Cascade occurs		, , ,
		No	Α
Classification of	- 0	viour in the asymmetric collapse test 75% full speed	
	Change of course un		
	Re-inflation behavio	90° to 180° Dive or roll angle 45° to	60°C
	Re-initation behavior	Spontaneous re-inflation	Α
	Total change of cou	•	
	Transfer of the second	Less than 360°	Α
	Collapse on the opp	osite side occurs	
		No	Α
	Twist occurs	No	А
	Cascade occurs	140	A
	Cascade occurs	No	Α
		e directional control with a maintained	
asymmetric collap			
1	Able to keep course		Α.
	2 180° turn away from	the collapsed side possible in 10 s	Α
1	100 tulli away ilolli	Yes	Α
3	3 Amount of control ra	inge between turn and stall or spin	
		More than 50 % of the symmetric control travel	Α
Measurements a	and possible ranges	in the trim speed spin tendency test	
	Spin occurs		
Magazzara	and necessital way	No	Α
ivieasurements a	Spin occurs	in the low speed spin tendency test	
	opin occurs	No	Α
		110	
•			

Classification of a paraglider's behaviour 1 Spin rotation angle a	in the recovery from a developed spin test fter release	
r opin rotation angle a	Stops spinning in less than 90°	Α
2 Cascade occurs		
Classification of a paraglidar's babay	No	Α
Classification of a paraglider's behave 1 Change of course be		
1 Offarige of course be	Changing course less than 45°	Α
2 Behaviour before rele		
	Remains stable with straight span	Α
3 Recovery		
Dive ferround and a	Spontaneous in less than 3 s	Α
4 Dive forward angle o	Dive forward 0° to 30°	Α
5 Cascade occurs	Dive forward 0 to 30	A
o Cascade occurs	No	Α
Classification of a paraglider's behave	iour in the big ears test	
1 Entry procedure		
	Dedicated controls	Α
2 Behaviour during big		
2 Paggyary	Stable flight	Α
3 Recovery	Spontaneous in less than 3 s	Α
4 Dive forward angle o	•	- ^ `
, and the second	Dive forward 0° to 30°	Α
	iour in the big ears in accelerated flight test	
1 Entry procedure	Dedicated controls	
2 Behaviour during big	Dedicated controls	Α
2 Benaviour during big	Stable flight	Α
3 Recovery	- Custo ingili	- 1
· ·	Spontaneous in less than 3 s	Α
4 Dive forward angle o		
E Dahardaru imma (Pata	Dive forward 0° to 30°	Α
o Benaviour immediate	ly after releasing the accelerator while maintaining big ears Stable flight	Α
Classification of a paraglider's behave	iour in the behaviour exiting a steep spiral test	
1 Tendency to return to	<u> </u>	
	Spontaneous exit	Α
Turn angle to recove	r normal flight	
2	Lace than 720° enentangula recovery	Α
Classification of a paraglider's behave	Less than 720°, spontaneous recovery iour in the alternative means of directional control test	A
1 180° turn achievable		
	Yes	Α
2 Stall or spin occurs	N.	
	No	Α