TEST F	REPORT	AVENNE Patrick	Date	08-mai-07	
MANUFACTORY		MODEL	COMPACT 2	SIZE M	
Procédure	Poids max	Weight in fkight	100 kg	· · · · ·	
HARNAIS	SUP AIR EVO XC 2	TYPE	abs	VENTRAL 42 c	m
Measurements a	and possible rang	es			
1	Rising behaviour				
			Smooth, easy a	and constant rising	Α
2	Special take off te	echnique			
			No		Α
Measurements a		es in the landing te	st		
	Special landing te	chnique required			
			No		Α
Measurements a	· · · · · · · · · · · · · · · · · · ·	es in the speeds in	straight flight	test	
	Measurement and	0			
1	Trim speed more	than 30 km/h	M		
		a tha a such a la farma a	Yes		Α
2	Speed range usin	g the controls larger			
			Yes		Α
3	Minimum speed		Loop them 05	lana /la	Δ
			Less than 25	Km/n	Α
Classification of	a naradider's he	haviour in the cont	rol movement	tost	
	ht in flight	80 to 100 kg		1031	
	in in ingin	Ŭ	creasing greate	er than 60 cm	Α
Classification of	a paraglider's be			ng accelerated fligh	
test	, .	· · · · · · · · · · · ·	···· , · ·	g · · · · · · · · · · · · · · · · · · ·	
1	Dive forward angl	e on exit			
	Ũ		e forward less	than 30°	Α
2	Collapse occurs				
			No		Α
		haviour in the pitch	n stability oper	rating controls duri	ng
accelerated fligh					
	Collapse occurs				
			No		Α
Oleccification of	e wewentidente bei	haviauu in tha vall i	stability and d	to	
Classification of		haviour in the roll s	stability and da	amping test	
	Oscillations		Deducing		
Classification of	a navaglidar'a ba		Reducing	privala taat	Α
		haviour in the stabl	inty in genue s	spirals lest	
	Tendency to retur		Spontaneous (ovit	Α
Classification of	a naradider's bo		•	exit eply banked turn tes	
	Sink rate after two		inour in a slee		
			up to 12 m	/s	Α
					~
Classification of a	paraglider's behavi	our in the symmetric	front collapse t	est	
	Entry				
	-		Rocking b	ack less than 45°	Α
	Recovery				
	-	Sp	ontaneous in	less than 3 s	Α
	Dive forward angl				
	Ũ		orward 0° to 3	0° Keeping course	Α
	Cascade occurs				
l			No		Α

Classification of a	paraglider's behavi	our in the symmetric front collapse test accelerated	
	Entry		
	-	Rocking back less than 45°	Α
	Recovery	On explanations in large them 0 a	
	Dive forward angl	Spontaneous in less than 3 s	Α
	•	live forward 0° to 30° Entering a turn of less than 90°	Α
	Cascade occurs		
		No	Α
	Deep stall achieve	our in the exiting deep stall (parachutal stall) test	
· ·	Deep stall achiev	No	Α
2	2 Recovery		
		Spontaneous in less than 3 s	Α
3	3 Dive forward angl		
	1 Change of course	Dive forward 0° to 30°	Α
4	+ Change of course	Changing course less than 45°	Α
F	5 Cascade occurs	onanging course iess than 45	~
	,	No	Α
Classification of	f a paraglider's be	haviour in the high angle of attack recovery test	
1	I Recovery		
		Spontaneous in less than 3s	Α
2	2 Cascade occurs	Na	•
		No	Α
Classification of	f a paraglider's be	haviour in the full stall test	
	Dive forward angl		
	Ũ	Dive forward 0 et 30°	Α
2	2 Collapse		
		No collapse	Α
3	3 Cascade occurs (
	1 Rocking back	No	Α
4	+ NUCKING Dack	Less than 45°	Α
5	5 Line tension		~
		Most lines tight	Α
Classification of		haviour in the asymmetric collapse test to 50%	
	Change of course		
	Re-inflation behav	Less then 90° Dive or roll angle 15° to 45°	A
		Spontaneous re-inflation	Α
	Total change of c		
	-	Less than 360°	Α
	Collapse on the o	pposite side occurs	
	- · ·	No	Α
	Twist occurs	Νο	٨
	Cascade occurs	ON	Α
		No	Α

peed		haviour in the asymmetric collapse test to 50% full	
	Change of course		
	Re-inflation beha	Less then 90° Dive or roll angle 15° to 4 viour	5 °
		Spontaneous re-inflation	
	Total change of c	course Less than 360°	
	Collapse on the c	opposite side occurs	
	Twict a course	No	
	Twist occurs	Νο	
	Cascade occurs		
		No	
lassificatio		haviour in the asymmetric collapse test 75%	
	Change of course	e until re-inflation Less then 90° Dive or roll angle 15° to 4	5 0
	Re-inflation beha		J
	T	Spontaneous re-inflation	
	Total change of c	Less than 360°	
	Collapse on the c	opposite side occurs	
	Twist occurs	No	
	T WIST OCCUTS	No	
	Cascade occurs		
		No	
lassificatio		haviour in the asymmetric collapse test 75% full spe	<i>e</i>
	Unange of course	e until re-inflation	50
	Re-inflation beha	Less then 90° Dive or roll angle 15° to 4	<mark>5</mark> °
	Re-inflation beha	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation	5°
		Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course	5°
	Re-inflation beha	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs	5°
	Re-inflation beha Total change of c Collapse on the c	Less then 90° Dive or roll angle 15° to 4 wiour Spontaneous re-inflation course Less than 360°	5 °
	Re-inflation beha	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs	5 °
	Re-inflation beha Total change of c Collapse on the c	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs No	5°
easurement	Re-inflation beha Total change of c Collapse on the c Twist occurs Cascade occurs	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs No No	5°
easurement	Re-inflation beha Total change of c Collapse on the c Twist occurs Cascade occurs	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs No No the directional control with a maintained rse	5 °
easurement	Re-inflation beha Total change of c Collapse on the c Twist occurs Cascade occurs is and possible ranges in 1 Able to keep cour	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs No No the directional control with a maintained rse Yes	5 °
easurement	Re-inflation beha Total change of c Collapse on the c Twist occurs Cascade occurs is and possible ranges in 1 Able to keep cour	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs No No the directional control with a maintained rse	5°
easurement	Re-inflation beha Total change of o Collapse on the o Twist occurs Cascade occurs S and possible ranges in 1 Able to keep cour 2 180° turn away fr 3 Amount of contro	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation Course Less than 360° Opposite side occurs No No No the directional control with a maintained rse Yes om the collapsed side possible in Yes I range between turn and stall or spin	5 °
easurement	Re-inflation beha Total change of o Collapse on the o Twist occurs Cascade occurs S and possible ranges in 1 Able to keep cour 2 180° turn away fr 3 Amount of contro	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation course Less than 360° opposite side occurs No No the directional control with a maintained rse Yes rom the collapsed side possible in Yes	5 °
	Re-inflation beha Total change of o Collapse on the o Twist occurs Cascade occurs as and possible ranges in 1 Able to keep cour 2 180° turn away fr 3 Amount of contro	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation Course Less than 360° Opposite side occurs No No No the directional control with a maintained rse Yes om the collapsed side possible in Yes I range between turn and stall or spin	5 °
	Re-inflation beha Total change of o Collapse on the o Twist occurs Cascade occurs Sand possible ranges in 1 Able to keep cour 2 180° turn away fr 3 Amount of contro	Less then 90° Dive or roll angle 15° to 4 viour Spontaneous re-inflation Course Less than 360° opposite side occurs No No No the directional control with a maintained rse Yes om the collapsed side possible in Yes of range between turn and stall or spin More than 50 % of the symmetric control travel	5 °

		No	Α
Classification	of a paraglider's behavi	our in the recovery from a developed spin test	
	1 Spin rotation angle		
	2 Cascade occurs	Stops spinning in less than 90°	Α
		No	Α
Classification		naviour in the B-line stall test	
	1 Change of course	Changing course less than 45°	Α
	2 Behaviour before		~
		Remains stable with straight span	Α
	3 Recovery	Spontaneous in less than 3 s	Α
	4 Dive forward angl		~
		Dive forward 0° to 30°	Α
	5 Cascade occurs	No	Α
Classificatio	n of a paraglider's bel	haviour in the big ears test	A
	1 Entry procedure		
	2 Behaviour during	Dedicated controls	Α
	2 Denaviour during	Stable flight	Α
	3 Recovery	-	
	4 Dive forward angle	Spontaneous in less than 3 s	Α
	4 Dive forward angl	Dive forward 0° to 30°	Α
	n of a paraglider's bel 1 Entry procedure	naviour in the big ears in accelerated flight test	
		Dedicated controls	Α
	2 Behaviour during	· ·	
		Stable flight	
	3 Recovery	3	Α
	3 Recovery	Spontaneous in less than 3 s	A A
	3 Recovery 4 Dive forward angle	Spontaneous in less than 3 s e on exit	Α
	4 Dive forward angl	Spontaneous in less than 3 s e on exit Dive forward 0° to 30°	Α
	4 Dive forward angl	Spontaneous in less than 3 s e on exit	A
	4 Dive forward angl 5 Behaviour immed	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight	A A Dig
Classification	4 Dive forward angl 5 Behaviour immed n of a paraglider's bel	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight	A A Dig
Classification	4 Dive forward angl 5 Behaviour immed	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight	A A Dig
Classificatio	4 Dive forward angl 5 Behaviour immed n of a paraglider's bel	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight haviour in the behaviour exiting a steep spiral test in to straight flight Spontaneous exit over normal flight	A Dig A
	4 Dive forward angle 5 Behaviour immed n of a paraglider's bel 1 Tendency to retur 2 Turn angle to reco	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight naviour in the behaviour exiting a steep spiral test n to straight flight Spontaneous exit over normal flight Less than 720°, spontaneous recovery	A Dig A A
	4 Dive forward angle 5 Behaviour immed n of a paraglider's bel 1 Tendency to retur 2 Turn angle to reco	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight haviour in the behaviour exiting a steep spiral test in to straight flight Spontaneous exit over normal flight	A Dig A A
Classification	4 Dive forward angle 5 Behaviour immed n of a paraglider's bel 1 Tendency to retur 2 Turn angle to reco	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight haviour in the behaviour exiting a steep spiral test in to straight flight Spontaneous exit over normal flight Less than 720°, spontaneous recovery haviour in the alternative means of directional contra- ble in 20 s	A Dig A A A
Classification	4 Dive forward angl 5 Behaviour immed n of a paraglider's bel 1 Tendency to retur 2 Turn angle to reco n of a paraglider's bel	Spontaneous in less than 3 s e on exit Dive forward 0° to 30° iately after releasing the accelerator while maintaining b Stable flight naviour in the behaviour exiting a steep spiral test n to straight flight Spontaneous exit over normal flight Less than 720°, spontaneous recovery haviour in the alternative means of directional contr ble in 20 s Yes	A Dig A A