

TEST REPORT		BOYER Marc	Date	10-mai-07	
MANUFACTORY	AXISPARA	MODEL	COMPACT 2	SIZE	L
Procédure	Poids min	Weight in flight	85 kg		
HARNAIS	SUP AIR EVO XC 2	TYPE	abs	VENTRAL	42 cm
<b>Measurements and possible ranges</b>					
1	Rising behaviour		Smooth, easy and constant rising		A
2	Special take off technique		No		A
<b>Measurements and possible ranges in the landing test</b>					
	Special landing technique required		No		A
<b>Measurements and possible ranges in the speeds in straight flight test</b>					
	Measurement and ranges				
1	Trim speed more than 30 km/h		Yes		A
2	Speed range using the controls larger than 10		Yes		A
3	Minimum speed		Less than 25 km/h		A
<b>Classification of a paraglider's behaviour in the control movement test</b>					
	Max weight in	80 to 100 kg	increasing greater than 60 cm		A
<b>Classification of a paraglider's behaviour in the pitch stability exiting accelerated flight test</b>					
1	Dive forward angle on exit		Dive forward less than 30°		A
2	Collapse occurs		No		A
<b>Classification of a paraglider's behaviour in the pitch stability operating controls during accelerated flight test</b>					
	Collapse occurs		No		A
<b>Classification of a paraglider's behaviour in the roll stability and damping test</b>					
	Oscillations		Reducing		A
<b>Classification of a paraglider's behaviour in the stability in gentle spirals test</b>					
	Tendency to return to straight flight		Spontaneous exit		A
<b>Classification of a paraglider's behaviour in the behaviour in a steeply banked turn test</b>					
	Sink rate after two turns		up to 12 m/s		A
<b>Classification of a paraglider's behaviour in the symmetric front collapse test</b>					
	Entry		Rocking back less than 45°		A
	Recovery		Spontaneous in less than 3 s		A
	Dive forward angle on exit		Dive forward 0° to 30° Keeping course		A

Cascade occurs	No	A
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**Classification of a paraglider's behaviour in the symmetric front collapse test accelerated**

Entry	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30° Keeping course	A
Cascade occurs	No	A

**Classification of a paraglider's behaviour in the exiting deep stall (parachutal stall) test**

1 Deep stall achieved	Yes	A
2 Recovery	Spontaneous in less than 3 s	A
3 Dive forward angle on exit	Dive forward 0° to 30°	A
4 Change of course	Changing course less than 45°	A
5 Cascade occurs	No	A

**Classification of a paraglider's behaviour in the high angle of attack recovery test**

1 Recovery	Spontaneous in less than 3s	A
2 Cascade occurs	No	A

**Classification of a paraglider's behaviour in the full stall test**

1 Dive forward angle on exit	Dive forward 0 et 30°	A
2 Collapse	No collapse	A
3 Cascade occurs (other than	No	A
4 Rocking back	Less than 45°	A
5 Line tension	Most lines tight	A

**Classification of a paraglider's behaviour in the asymmetric collapse test to 50%**

Change of course until re-inflation	Less then 90° Dive or roll angle 15° to 45°	A
Re-inflation behaviour	Spontaneous re-inflation	A
Total change of course	Less than 360°	A
Collapse on the opposite side	No	A
Twist occurs	No	A
Cascade occurs		

	<b>No</b>	<b>A</b>
<b>Classification of a paraglider's behaviour in the asymmetric collapse test to 50% full speed</b>		
Change of course until re-inflation	<b>Less than 90° Dive or roll angle 15° to 45°</b>	<b>A</b>
Re-inflation behaviour	<b>Spontaneous re-inflation</b>	<b>A</b>
Total change of course	<b>Less than 360°</b>	<b>A</b>
Collapse on the opposite side	<b>No</b>	<b>A</b>
Twist occurs	<b>No</b>	<b>A</b>
Cascade occurs	<b>No</b>	<b>A</b>
<b>Classification of a paraglider's behaviour in the asymmetric collapse test 75%</b>		
Change of course until re-inflation	<b>Less than 90° Dive or roll angle 15° to 45°</b>	<b>A</b>
Re-inflation behaviour	<b>Spontaneous re-inflation</b>	<b>A</b>
Total change of course	<b>Less than 360°</b>	<b>A</b>
Collapse on the opposite side	<b>No</b>	<b>A</b>
Twist occurs	<b>No</b>	<b>A</b>
Cascade occurs	<b>No</b>	<b>A</b>
<b>Classification of a paraglider's behaviour in the asymmetric collapse test 75% full speed</b>		
Change of course until re-inflation	<b>Less than 90° Dive or roll angle 15° to 45°</b>	<b>A</b>
Re-inflation behaviour	<b>Spontaneous re-inflation</b>	<b>A</b>
Total change of course	<b>Less than 360°</b>	<b>A</b>
Collapse on the opposite side occurs	<b>No</b>	<b>A</b>
Twist occurs	<b>No</b>	<b>A</b>
Cascade occurs	<b>No</b>	<b>A</b>
<b>Measurements and possible ranges in the directional control with a maintained</b>		
1 Able to keep course	<b>Yes</b>	<b>A</b>
2 180° turn away from the collapsed side possible in	<b>Yes</b>	<b>A</b>
3 Amount of control range between turn and stall or spin	<b>More than 50 % of the symmetric control travel</b>	<b>A</b>
<b>Measurements and possible ranges in the trim speed spin tendency test</b>		
Spin occurs		

	No	A
<b>Measurements and possible ranges in the low speed spin tendency test</b>		
Spin occurs	No	A
<b>Classification of a paraglider's behaviour in the recovery from a developed spin test</b>		
1 Spin rotation angle after release	Stops spinning in less than 90°	A
2 Cascade occurs	No	A
<b>Classification of a paraglider's behaviour in the B-line stall test</b>		
1 Change of course before release	Changing course less than 45°	A
2 Behaviour before release	Remains stable with straight span	A
3 Recovery	Spontaneous in less than 3 s	A
4 Dive forward angle on exit	Dive forward 0° to 30°	A
5 Cascade occurs	No	A
<b>Classification of a paraglider's behaviour in the big ears test</b>		
1 Entry procedure	Dedicated controls	A
2 Behaviour during big ears	Stable flight	A
3 Recovery	Spontaneous in less than 3 s	A
4 Dive forward angle on exit	Dive forward 0° to 30°	A
<b>Classification of a paraglider's behaviour in the big ears in accelerated flight test</b>		
1 Entry procedure	Dedicated controls	A
2 Behaviour during big ears	Stable flight	A
3 Recovery	Spontaneous in less than 3 s	A
4 Dive forward angle on exit	Dive forward 0° to 30°	A
5 Behaviour immediately after releasing the accelerator while maintaining big	Stable flight	A
<b>Classification of a paraglider's behaviour in the behaviour exiting a steep spiral test</b>		
1 Tendency to return to straight flight	Spontaneous exit	A
2 Turn angle to recover normal flight	Less than 720°, spontaneous recovery	A
<b>Classification of a paraglider's behaviour in the alternative means of directional control test</b>		
1 180° turn achievable in 20 s	Yes	A
2 Stall or spin occurs	No	A