

TEST REPORT		WALLER Christophe	Date	15-déc-06	
MANUFACTORY	NOVA	MODEL	ROOKIE	SIZE	L
Procédure	Poids max	Weight in flight	130 kg		
HARNAIS	SUP AIR	TYPE	abs	VENTRAL	46 cm

Measurements and possible ranges

1 Rising behaviour	Smooth, easy and constant rising	A
2 Special take off technique	No	A

Measurements and possible ranges in the landing test

Special landing technique required	No	A
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Measurements and possible ranges in the speeds in straight flight test

Measurement and ranges		
1 Trim speed more than 30 km/h	Yes	A
2 Speed range using the controls larger than 10 km/h	Yes	A
3 Minimum	Less than 25 km/h	A

Classification of a paraglider's behaviour in the control movement test

Max weight in flight	up to 80 kg	
Max weight in flight	80 to 100 kg	
Max weight in flight	greater than 100 kg	
	croissant supérieur à 65 cm	A

Classification of a paraglider's behaviour in the pitch stability exiting accelerated flight test

1 Dive forward angle on exit	Dive forward less than 30°	A
2 Collapse occurs	No	A

Classification of a paraglider's behaviour in the pitch stability operating controls during

Collapse occurs	No	A
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Classification of a paraglider's behaviour in the roll stability and damping test

Oscillations	Reducing	A
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Classification of a paraglider's behaviour in the stability in gentle spirals test

Tendency to return to straight flight	Spontaneous exit	A
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Classification of a paraglider's behaviour in the behaviour in a steeply banked turn test

Sink rate after two turns	12 to 14 m/s	A
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Classification of a paraglider's behaviour in the symmetric front collapse test

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° Entering a turn of less than 90°	A
Cascade occurs	No	A

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° Entering a turn of less than 90°	A
Cascade occurs	No	A

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

1 Deep stall achieved	No	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	No	A

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

1 Recovery	Spontaneous in less than	A
2 Cascade	No	A

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

1 Dive forward angle on exit	Dive forward 30 et 60°	B
2 Collapse	No collapse	A
3 Cascade occurs (other than collapses)	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 0° to 15°	A
Re-inflation behaviour	Spontaneous re-inflation	A
Total change of course	Less than 360°	A
Collapse on the opposite side occurs	No	A
Twist occurs	No	A
Cascade occurs	No	A

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

Change of course until re-inflation		
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	Less than 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 occurs		
	No	A
Twist occurs		
	No	A
Cascade occurs		
	No	A

Classification of a paraglider's behaviour in the asymmetric collapse test 75%

Change of course until re-inflation		
	Less than 90° Dive or roll angle 0° to 15°	A
Re-inflation behaviour		
	Spontaneous re-inflation	A
Total change of course		
	Less than 360°	A
Collapse on the opposite side occurs		
	No	A
Twist occurs		
	No	A
Cascade occurs		
	No	A

Classification of a paraglider's behaviour in the asymmetric collapse test 75% full speed

Change of course until re-inflation		
	90° to 180° Dive or roll angle 0° to 15°	A
Re-inflation behaviour		
	Spontaneous re-inflation	A
Total change of course		
	Less than 360°	A
Collapse on the opposite side occurs		
	No	A
Twist occurs		
	No	A
Cascade occurs		
	No	A

Measurements and possible ranges in the directional control with a maintained asymmetric collapse test

1 Able to keep course		
	Yes	A
2 180° turn away from the collapsed side possible in 10 s		
	Yes	A
3 Amount of control range between turn and stall or spin		
	More than 50 % of the symmetric control travel	A

Measurements and possible ranges in the trim speed spin tendency test

Spin occurs		
	No	A

Measurements and possible ranges in the low speed spin tendency test

Spin occurs		
	No	A

Classification of a paraglider's behaviour in the recovery from a developed spin test

1 Spin rotation angle after release		
	Stops spinning in less than 90°	A
2 Cascade		

	No	A
Classification of a paraglider's behaviour in the B-line stall test		
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
Classification of a paraglider's behaviour in the big ears test		
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
Classification of a paraglider's behaviour in the big ears in accelerated flight test		
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 ears	Stable flight	A
Classification of a paraglider's behaviour in the behaviour exiting a steep spiral test		
1 Tendency to return to straight flight	Spontaneous exit	A
2 Turn angle to recover normal flight	Less than 720°, spontaneous recovery	A
Classification of a paraglider's behaviour in the alternative means of directional control test		
1 180° turn achievable in 20 s	Yes	A
2 Stall or spin occurs	No	A
Classification of a paraglider's behaviour when testing any other flight procedure and/or		
1 Procedure works as described		
2 Procedure suitable for novice pilots		
3 Cascade		