

TEST REPORT		BOYER Marc	Date	14-déc-06	
MANUFACTORY	NOVA	MODEL	ROOKIE	SIZE	XS
Procédure	Poids min	Weight in flight	65 kg		
HARNAIS	SUP AIR	TYPE	abs	VENTRAL	42 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 speed	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	increasing greater than 55cm	A
Max weight in flight	80 to 100 kg		
Max weight in flight	greater than 100 kg		

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		

Dive forward angle on exit	Spontaneous in less than 3 s	A
Cascade occurs	Dive forward 0° to 30° Keeping course	A
	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° 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	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 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 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	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	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
Classification of a paraglider's behaviour in the asymmetric collapse test 75% full speed		
Change of course until re-inflation	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
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
Cascade		
2 occurs	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		
Cascade		
3 occurs		

Less than 360°	A
Greater than 360°	C



No	A
Yes, no turn reversal	C
Yes, causing turn reversal	D

Changing course less than 45°	A
Changing course more than 45°	C
Remains stable with straight span	A
Remains stable without straight span	C
Unstable	D
Spontaneous in less than 3 s	A
Spontaneous in 3 s to 5 s	B
Recovery through pilot action in less than a further 3 s	D
Recovery through pilot action between a further 3 s to 5 s	D
Recovery through pilot action in more than a further 5 s	F
Dive forward 0° to 30°	A
Dive forward 30° to 60°	A
Dive forward 60° to 90°	C
Dive forward greater than 90°	F

