DHV TESTREPORT LTF 97

NOVA PHERON M

Type designation Nova Pheron M
Type test reference no DHV GS-01-0948-02
Holder of certification NOVA Vertriebsgesellschaft m.b.H.
Manufacturer NOVA Vertriebsgesellschaft m.b.H.
Classification 1 GH
Winch towing Yes
Number of seats min / max 1 / 1
Accelerator Yes
Trimmers No

	BEHAVIOUR AT MIN WEIGHT IN FLIGHT (85KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT (105KG)
Take off	**1**	**1**
Inflation	evenly, immediately	evenly, immediately
Rising behaviour	immediately comes over pilot	immediately comes over pilot
Take off speed	average	average
Take off handling	easy	easy
Straight flight	**1**	**1**
Trim speed [km/h]	35	36
Accelerated speed [km/h]		48
Roll damping	average	average
Turn handling	**1**	**1**
Spin tendency	not available	not available
Control travel	high	high
Agility	average	average
Symmetric stall	**1**	**1**
Deep-stall limit	late > 75 cm	late > 75 cm
Full stall limit	late > 90 cm	late > 90 cm
Increase in steering power	high	high
Front collapse	**1**	**1**
Pre-acceleration	slight	slight
Opening behaviour	spontaneous, quickly	spontaneous, quickly
Asymmetric collapse	**1**	**1**
Turn tendency	< 90 degrees	< 90 degrees
Rate of turn	slight	slight
Loss of altitude	slight	slight
Stabilization	spontaneous	spontaneous
Opening behaviour	spontaneous, quickly	spontaneous, quickly
Countersteering an asymmetric collapse	**1**	**1**
Stabilization	countersteering easy	countersteering easy
Control travel	high	high
Control pressure increase	high	high
Turn in opposite direction	easy, no tendency to stall	easy, no tendency to stall
Opening behaviour	spontaneous, quickly	spontaneous, quickly
Full stall, symm. exit	**1**	**1**
Full stall, asymm. exit	**1**	**1**
Spin out of straight flight	**1**	**1**
Spin out of turn	**1**	**1**
Spiral dive	**1**	**1**
Entry	easy	easy
Spin tendency	not available	not available
Exit	spontaneous	spontaneous
B-line stall	**1**	**1**
Entry	easy	easy
Exit	spontaneous	spontaneous
Landing	**1**	**1**

Landing behaviour	easy	easy
Front collapse (accelerated)	-	**1**
Pre-acceleration	-	average
Opening behaviour	-	spontaneous, quickly
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Asymmetric collapse (accelerated)	-	**1**
Turn tendency	-	< 90 degrees
Rate of turn	-	average
	-	
Loss of altitude	-	slight
Stabilization	-	spontaneous
Opening behaviour	-	spontaneous, quickly
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