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## DHV TESTREPORT LTF 97

## NOVA ROTOR S

**Type designation** Nova Rotor S  
**Type test reference no** DHV GS-01-1170-03  
**Holder of certification** [NOVA Vertriebsgesellschaft m.b.H.](#)  
**Manufacturer** [NOVA Vertriebsgesellschaft m.b.H.](#)  
**Classification** 2 GH  
**Winch towing** Yes  
**Number of seats min / max** 1 / 1  
**Accelerator** Yes  
**Trimmers** Yes

	BEHAVIOUR AT MIN WEIGHT IN FLIGHT (75KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT (95KG)
<b>Take off</b>	<b>1</b> Inflation evenly, immediately Rising behaviour immediately comes over pilot Take off speed average Take off handling easy	<b>1</b> evenly, immediately immediately comes over pilot average easy
<b>Straight flight</b>	<b>1</b> Trim speed [km/h] 36 Accelerated speed [km/h] Roll damping average	<b>1</b> 42 50 average
<b>Turn handling</b>	<b>1</b> Spin tendency not available Control travel average Agility average	<b>1</b> not available average average
<b>Symmetric stall</b>	<b>1</b> Deep-stall limit average 60 cm - 75 cm Full stall limit average 65 cm - 80 cm Increase in steering power high	<b>1</b> average 60 cm - 75 cm average 65 cm - 80 cm high
<b>Front collapse</b>	<b>1</b> Pre-acceleration slight Opening behaviour spontaneous, quickly	<b>1</b> slight spontaneous, quickly
<b>Asymmetric collapse</b>	<b>1</b> Turn tendency < 90 degrees Rate of turn slight Loss of altitude slight Stabilization spontaneous Opening behaviour spontaneous, quickly	<b>1</b> < 90 degrees slight slight spontaneous spontaneous, quickly
<b>Countersteering an asymmetric collapse</b>	<b>1</b> Stabilization countersteering easy Control travel average Control pressure increase high Turn in opposite direction easy, no tendency to stall Opening behaviour spontaneous, quickly	<b>1</b> countersteering easy average high easy, no tendency to stall spontaneous, quickly
<b>Full stall, symm. exit</b>	<b>1</b>	<b>2</b>
<b>Full stall, asymm. exit</b>	<b>1</b>	<b>2</b>
<b>Spin out of straight flight</b>	<b>1</b>	<b>1</b>
<b>Spin out of turn</b>	<b>1</b>	<b>1</b>
<b>Spiral dive</b>	<b>1</b> Entry easy Spin tendency not available Exit spontaneous	<b>1</b> easy not available spontaneous
<b>B-line stall</b>	<b>1</b> Entry easy Exit spontaneous	<b>1</b> easy spontaneous
<b>Landing</b>	<b>1</b> Landing behaviour easy	<b>1</b> easy

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