TECHNICAL DATA DHV TESTREPORT LTF DHV TESTREPORT EN	DATASHEET PARTS LIST OPERATING INSTRUCT	
DHV TESTREPORT EN926-2:2005		
	DHV GS-01-2057-13 <u>NOVA Vertriebsgesellschaft m.b.H.</u> <u>NOVA Vertriebsgesellschaft m.b.H.</u> B Yes 1 / 1 Yes No BEHAVIOUR AT MIN WEIGHT IN FLIGHT (80KG)	BEHAVIOUR AT MAX WEIGHT State Tool Tool </th
Inflation/take-off	A	
Rising behaviour Special take off technique required	Smooth, easy and constant rising No	Smooth, easy and constant rising No
Landing	A	A
Special landing technique required	NO	No
<u>Speeds in straight flight</u>	Α	Α
Trim speed more than 30 km/h		Yes Yes
Speed range using the controls larger than 10 km/h Minimum speed		Less than 25 km/h
Control movement	A	Α
Symmetric control pressure Symmetric control travel	-	Increasing Greater than 60 cm
Pitch stability exiting accelerated flight	A	Α
Dive forward angle on exit Collapse occurs		Dive forward less than 30° No
Pitch stability operating controls during accelerated flight	A	A
Collapse occurs	No	No
Roll stability and damping	A	A
Oscillations	Reducing	Reducing
Stability in gentle spirals	A	A
Tendency to return to straight flight	Spontaneous exit	Spontaneous exit
Behaviour in a steeply banked turn	A	A
Sink rate after two turns	12 m/s to 14 m/s	12 m/s to 14 m/s
Symmetric front collapse	A	A
Recovery Dive forward angle on exit	Entering a turn of less than 90°	Rocking back less than 45° Spontaneous in less than 3 s Dive forward 0° to 30° Entering a turn of less than 90° No
Cascade occurs		10

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	Symmetric front collapse in accelerated	A	В
	flight		<u></u>
	-	Rocking back less than 45°	Rocking back less than 45°
	-	Spontaneous in less than 3 s	Spontaneous in 3 s to 5 s
	Dive forward angle on exit	Entering a turn of less than 90°	Dive forward 0° to 30° Entering a turn of less than 90°
	Cascade occurs	5	No
	cascade occurs		
	Exiting deep stall (parachutal stall)	Α	Α
	Deep stall achieved	Υρς	Yes
		Spontaneous in less than 3 s	Spontaneous in less than 3 s
	Dive forward angle on exit		Dive forward 0° to 30°
		Changing course less than 45°	Changing course less than 45°
	Cascade occurs	No	No
		:_	:-
	High angle of attack recovery	A	Α
	-	Spontaneous in less than 3 s	Spontaneous in less than 3 s
	Cascade occurs	No	No
	Recovery from a developed full stall		A
			<u>.</u>
	Dive forward angle on exit		Dive forward 0° to 30°
	Collapse Cascade occurs (other than collapses)	No collapse	No collapse No
	Rocking back		Less than 45°
	_	Most lines tight	Most lines tight
	Asymmetric collapse 45-50%	Α	Α
	Change of course until re-inflation	Less than 90°	Less than 90°
	Maximum dive forward or roll angle		Dive or roll angle 15° to 45°
	Re-inflation behaviour	Spontaneous re-inflation	Spontaneous re-inflation
	Total change of course		Less than 360°
	Collapse on the opposite side occurs		No
	Twist occurs Cascade occurs		No
	Cascade occurs	NO	No
	Asymmetric collapse 70-75%	в	A
	Change of course until re-inflation	90° to 180°	Less than 90°
	Maximum dive forward or roll angle		Dive or roll angle 15° to 45°
	Re-inflation behaviour	-	Spontaneous re-inflation
	Total change of course	Less than 360°	Less than 360°
	Collapse on the opposite side occurs		No
	Twist occurs		No
	Cascade occurs	No	No
	Asymmetric collapse 45-50% in accelerated	A	Α
	<u>flight</u>		[]
	Change of course until re-inflation	Loss than 009	
	-		Less than 90°
	Maximum dive forward or roll angle	Dive or roll angle 15° to 45°	Dive or roll angle 15° to 45°
	Re-inflation behaviour	Dive or roll angle 15° to 45° Spontaneous re-inflation	Dive or roll angle 15° to 45° Spontaneous re-inflation
	Re-inflation behaviour Total change of course	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360°	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360°
	Re-inflation behaviour	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No
	Re-inflation behaviour Total change of course Collapse on the opposite side occurs	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No No	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360°
-	Re-inflation behaviour Total change of course Collapse on the opposite side occurs Twist occurs Cascade occurs	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No No No	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No No
	Re-inflation behaviour Total change of course Collapse on the opposite side occurs Twist occurs Cascade occurs Asymmetric collapse 70-75% in accelerated	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No No No	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° No No
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in 10 s		
Amount of control range between turn and stall or spin		More than 50 % of the symmetric control travel
Trim speed spin tendency	А	A
Spin occurs	No	No
Low speed spin tendency	A	A
Spin occurs		No
<u>Recovery from a developed spin</u>	A	Α
Spin rotation angle after release	Stops spinning in less than 90°	Stops spinning in less than 90°
Cascade occurs		No
<u>B-line stall</u>	A	A
Change of course before release	Changing course less than 45°	Changing course less than 45°
	Remains stable with straight span	Remains stable with straight span
Recovery	Spontaneous in less than 3 s	Spontaneous in less than 3 s
Dive forward angle on exit	: Dive forward 0° to 30°	Dive forward 0° to 30°
Cascade occurs	s No	No
<u>Big ears</u>	в	в
Entry procedure	Dedicated controls	Dedicated controls
Behaviour during big ears	Stable flight	Stable flight
Recovery	Recovery through pilot action in less than a further 3 s	Spontaneous in 3 s to 5 s
Dive forward angle on exit		Dive forward 0° to 30°
Big ears in accelerated flight	A	A
Entry procedure	Dedicated controls	Dedicated controls
Behaviour during big ears	Stable flight	Stable flight
Recovery	Spontaneous in 3 s to 5 s	Spontaneous in less than 3 s
Dive forward angle on exit	: Dive forward 0° to 30°	Dive forward 0° to 30°
Behaviour immediately after releasing the accelerator while maintaining big ears		Stable flight
<u>Behaviour exiting a steep spiral</u>	A	A
Tendency to return to straight flight	: Spontaneous exit	Spontaneous exit
Turn angle to recover normal flight		Less than 720°, spontaneous recover
Sink rate when evaluating spiral stability [m/s]	14	14
Alternative means of directional control	A	A
180° turn achievable in 20 s	Yes	Yes
Stall or spin occurs	s No	No
Any other flight procedure and/or configura	tion described in the user's manual	

No other flight procedure or configuration described in the user's manual

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