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DHV TEST REPORT LTF 2003

SKYWALK CHILI XS		
Type designation	Skywalk Chili XS	
Type test reference no	DHV GS-01-1527-06	
Holder of certification	Skywalk GmbH & Co. KG	
Manufacturer	Skywalk GmbH & Co. KG	
Classification	1-2 GH	
Winch towing	Yes	
Number of seats min / max	1 / 1	
Accelerator	Yes	
Trimmers	No	
	BEHAVIOUR AT MIN WEIGHT IN FLIGHT (55KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT (80KG)
Take off	1	1
Inflation	evenly, immediately	
Rising behaviour	immediately comes over pilot	
Take off speed	average	
Take off handling	easy	
Straight flight	1-2	1-2
Roll damping	average	

Turn handling	1-2	1-2
Spin tendency slight		slight
Control travel average		average
Agility high		high
Symmetric stall	1-2	1-2
Deep-stall limit average 60 cm - 75 cm		average 60 cm - 75 cm
Full stall limit average 65 cm - 80 cm		average 65 cm - 80 cm
Increase in steering power average		average
Front collapse	1-2	1-2
Pre-acceleration average		average
Opening behaviour spontaneous, delayed		spontaneous, delayed
Asymmetric collapse	1-2	1-2
Turn tendency < 90 degrees		< 90 degrees
Change of course 90 - 180 degrees		90 - 180 degrees
Rate of turn average		average
		with deceleration
Max. roll/pitch angle less than 45 degrees		less than 45 degrees
Loss of altitude average		average
Stabilization spontaneous		spontaneous
Opening behaviour spontaneous		spontaneous
Countersteering an asymmetric collapse	1-2	1-2
Stabilization countersteering easy		countersteering easy
Control travel average		average
Control pressure increase average		average
Turn in opposite direction easy, no tendency to stall		easy, no tendency to stall
Opening behaviour spontaneous, quickly		spontaneous, quickly
Full stall, symm. exit	1-2	1-2
Spin out of straight flight	1-2	1-2
Spin out of turn	1	1
Spiral dive 	1-2	1-2

Entry	easy	easy
Spin tendency	slight	slight
Exit	turn continues through < 180 degrees	turn continues through < 180 degrees
Sink rate after 720 °[m/s]	9	9
B-line stall	1	1
Entry	easy	easy
Exit	spontaneous	spontaneous
Big ears	1	1
Entry	easy	easy
Recovery	spontaneous, quickly	spontaneous, quickly
Landing	1-2	1-2
Landing behaviour	average	easy
Front collapse (accelerated)	1-2	1-2
Pre-acceleration	average	average
Opening behaviour	spontaneous, delayed	spontaneous, delayed
Asymmetric collapse (accelerated)	1-2	1-2
Turn tendency	90 - 180 degrees	90 - 180 degrees
Change of course	90 - 180 degrees	90 - 180 degrees
Rate of turn	average	average
	with deceleration	with deceleration
Max. roll/pitch angle	less than 45 degrees	less than 45 degrees
Loss of altitude	average	average
Stabilization	spontaneous	spontaneous
Opening behaviour	spontaneous	spontaneous
Big ears accelerated	1	1
Entry	easy	easy
Recovery	spontaneous, quickly	spontaneous, quickly

