

TEST REPORT DHV 03 MAC PARA MUSE 2-25

Type Mac Para Muse 2-25		
Certificate-No DHV GS-01-1433-05		
Holder of certificate Skyline Flight Gear GmbH		
Manufacturer MAC Para Technology Ltd		
Classification 1 GH		
Winch tow Yes		
Number of seats min / Number of seats max 1 / 1		
Accelerator? Yes		
Trimmers? No		
	BEHAVIOUR AT MIN WEIGHT IN FLIGHT(70 KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT(90 KG)
Take off	1	1
	Inflation evenly, immediately	evenly, immediately
	Rising behaviour immediately comes over pilot	immediately comes over pilot
	Take off speed slight	average
	Take off handling easy	easy
Straight flight	1	1
	Roll damping average	average
Turn handling	1	1
	Spin tendency not available	not available
	Control travel average	high
	Agility high	average
Symmetric stall	1	1
	Deep-stall limit late > 75 cm	late > 75 cm
	Full stall limit late > 90 cm	late > 80 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
	Change of course 90 - 180 degrees	90 - 180 degrees
	Rate of turn slight	average
		with deceleration
	Max. roll/pitch angle less than 45 degrees	less than 45 degrees
	Loss of altitude slight	slight
	Stabilization spontaneous	spontaneous
	Opening behaviour spontaneous, quickly	spontaneous
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, delayed
Full stall, symm. 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 turn continues through < 180 degrees	spontaneous
	Sink rate after 720 °[m/s] 8 m/s	12
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	1
	Landing behaviour easy	easy
Front collapse (accelerated)	1	1
	Pre-acceleration slight	slight
	Opening behaviour spontaneous, quickly	spontaneous, quickly
Asymmetric collapse (accelerated)	1	1
	Turn tendency < 90 degrees	< 90 degrees
	Change of course 90 - 180 degrees	90 - 180 degrees
	Rate of turn slight	average
		with deceleration
	Max. roll/pitch angle less than 45 degrees	less than 45 degrees
	Loss of altitude slight	slight
	Stabilization spontaneous	spontaneous
	Opening behaviour spontaneous, quickly	spontaneous
Big ears accelerated	1	1
	Entry easy	easy
	Recovery spontaneous, quickly	spontaneous, quickly
Supplementary remarks		

18.01.2006 14:55:46