

TEST REPORT DHV 03 MAC PARA EDEN 3-33

Type Mac Para Eden 3-33

Certificate-No DHV GS-01-1432-05

Holder of certificate [Skyline Flight Gear GmbH](#)

Manufacturer MAC Para Technology Ltd

Classification 1-2 GH

Winch tow Yes

Number of seats min / Number of seats max 1 / 1

Accelerator? Yes

Trimmers? No

	BEHAVIOUR AT MIN WEIGHT IN FLIGHT(115 KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT(145 KG)
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
Roll damping	high	high
Turn handling	1-2	1-2
Spin tendency	slight	slight
Control travel	average	average
Agility	average	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	high	high
Front collapse	1	1
Pre-acceleration	slight	slight
Opening behaviour	spontaneous, quickly	spontaneous, quickly
Asymmetric collapse	1	1
Turn tendency	90 - 180 degrees	< 90 degrees
Change of course	90 - 180 degrees	90 - 180 degrees
Rate of turn	slight	slight
Max. roll/pitch angle	less than 45 degrees	less than 15 degrees
Loss of altitude	average	slight
Stabilization	spontaneous	spontaneous
Opening behaviour	spontaneous	spontaneous
Countersteering an asymmetric collapse	1-2	1
Stabilization	countersteering easy	countersteering easy
Control travel	high	average
Control pressure increase	high	high
Turn in opposite direction	easy, no tendency to stall	easy, no tendency to stall
Opening behaviour	spontaneous, delayed	
Full stall, symm. exit	1-2	1-2
Spin out of straight flight	1-2	1
Spin out of turn	1	1-2
Spiral dive	1-2	1-2
Entry	easy	easy
Spin tendency	slight	slight
Exit	turn continues through < 180 degrees	spontaneous
Sink rate after 720 °[m/s]	9	14
B-line stall	1-2	1
Entry	easy	easy

	Exit delayed acceleration < 4 sec	spontaneous
Big ears	1	1
	Entry easy	easy
	Recovery spontaneous, quickly	spontaneous, quickly
Landing	1	1
	Landing behaviour easy	easy
Front collapse (accelerated)	1-2	1-2
	Pre-acceleration slight	slight
	Opening behaviour spontaneous, delayed	spontaneous, quickly
Asymmetric collapse (accelerated)	1-2	1-2
	Turn tendency 90 - 180 degrees	< 90 degrees
	Change of course 90 - 180 degrees	90 - 180 degrees
	Rate of turn average	slight
	with deceleration	with deceleration
	Max. roll/pitch angle less than 45 degrees	less than 15 degrees
	Loss of altitude average	slight
	Stabilization spontaneous	spontaneous
	Opening behaviour spontaneous	spontaneous
Big ears accelerated	1	1
	Entry easy	easy
	Recovery spontaneous, quickly	spontaneous, quickly
Supplementary remarks		

18.01.2006 14:55:18

qi=pub250013