

TEST REPORT DHV 03 MAC PARA MUSE 2-30

Type Mac Para Muse 2-30

Certificate-No DHV GS-01-1435-05

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(100 KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT(130 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	average	high
Turn handling	1	1
Spin tendency	not available	slight
Control travel	high	high
Agility	average	high
Symmetric stall	1	1
Deep-stall limit	late > 75 cm	late > 75 cm
Full stall limit	late > 80 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 degrees
Rate of turn	average with deceleration	slight with deceleration
Max. roll/pitch angle	less than 45 degrees	less than 15 degrees
Loss of altitude	slight	slight
Stabilization	spontaneous	spontaneous
Opening behaviour	spontaneous	spontaneous
Countersteering an asymmetric collapse	1	1
Stabilization	countersteering easy	spontaneous
Control travel	high	
Control pressure increase	high	
Turn in opposite direction	easy, no tendency to stall	
Opening behaviour	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	spontaneous	spontaneous
Sink rate after 720 °[m/s]	10	14
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 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 slight	slight
	Stabilization spontaneous	spontaneous
	Opening behaviour spontaneous	spontaneous
Big ears accelerated	1	1
	Entry easy	easy
	Recovery spontaneous, quickly	spontaneous, quickly
Supplementary remarks		

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