TECHNICAL DATA

PRINT

TEST REPORT DHV 03 MAC PARA MUSE 2-28

Type	Mac Para Muse 2-28
Certificate-No	DHV GS-01-1434-05
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(85 KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT(110 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		

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