

**TEST REPORT DHV 03 EDEN 3-28**
**Type** Eden 3-28

**Certificate-No** DHV GS-01-1340-05

**Holder of certificate** [Skyline Flight Gear GmbH](#)
**Manufacturer** MAC Para Technology Ltd

**Classification** 1-2 GH

**Winch tow** No

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

**Accelerator?** Yes

**Trimmers?** No

	<b>BEHAVIOUR AT MIN WEIGHT IN FLIGHT(85 KG)</b>	<b>BEHAVIOUR AT MAX WEIGHT IN FLIGHT(110 KG)</b>
<b>Take off</b>	<b>1</b>	<b>1</b>
<b>Inflation</b>	evenly, immediately	evenly, immediately
<b>Rising behaviour</b>	immediately comes over pilot	immediately comes over pilot
<b>Take off speed</b>	average	average
<b>Take off handling</b>	easy	easy
<b>Straight flight</b>	<b>1-2</b>	<b>1-2</b>
<b>Roll damping</b>	average	average
<b>Turn handling</b>	<b>1</b>	<b>1</b>
<b>Spin tendency</b>	not available	not available
<b>Control travel</b>	high	high
<b>Agility</b>	average	average
<b>Symmetric stall</b>	<b>1</b>	<b>1</b>
<b>Deep-stall limit</b>	late > 75 cm	late > 75 cm
<b>Full stall limit</b>	late > 80 cm	late > 80 cm
<b>Increase in steering power</b>	high	high
<b>Front collapse</b>	<b>1</b>	<b>1-2</b>
<b>Pre-acceleration</b>	slight	slight
<b>Opening behaviour</b>	spontaneous, quickly	spontaneous, delayed
<b>Asymmetric collapse</b>	<b>1-2</b>	<b>1-2</b>
<b>Turn tendency</b>	90 - 180 degrees	90 - 180 degrees
<b>Change of course</b>	90 - 180 degrees	90 - 180 degrees
<b>Rate of turn</b>	average	slight
<b>Max. roll/pitch angle</b>	less than 45 degrees	less than 45 degrees
<b>Loss of altitude</b>	average	average
<b>Stabilization</b>	spontaneous	spontaneous
<b>Opening behaviour</b>	spontaneous	spontaneous
<b>Countersteering an asymmetric collapse</b>	<b>1</b>	<b>1-2</b>
<b>Stabilization</b>	countersteering easy	countersteering easy
<b>Control travel</b>	high	high
<b>Control pressure increase</b>	high	high
<b>Turn in opposite direction</b>	easy, no tendency to stall	easy, no tendency to stall
<b>Opening behaviour</b>	spontaneous, delayed	spontaneous, delayed
<b>Full stall, symm. exit</b>	<b>1-2</b>	<b>1-2</b>
<b>Spin out of straight flight</b>	<b>1-2</b>	<b>1-2</b>
<b>Spin out of turn</b>	<b>1</b>	<b>1</b>
<b>Spiral dive</b>	<b>1</b>	<b>1-2</b>
<b>Entry</b>	easy	easy
<b>Spin tendency</b>	not available	not available
<b>Exit</b>	spontaneous	turn continues through < 180 degrees
<b>Sink rate after 720 ° [m/s]</b>	8	8
<b>B-line stall</b>	<b>1</b>	<b>1</b>
<b>Entry</b>	easy	easy
<b>Exit</b>	spontaneous	spontaneous

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

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