

## TECHNICAL DATA



## Test report DHV 03 Mac Para Pasha 3-42

**Type** Mac Para Pasha 3-42

**Certificate-No** DHV GS-01-1600-07

**Holder of certificate** [Skyline Flight Gear GmbH & Co. KG](#)

**Manufacturer** MAC Para Technology Ltd

**Classification** 1-2 Biplace

**Winch tow** Yes

**Number of seats min / Number of seats max** 2 / 2

**Accelerator?** No

**Trimmers?** Yes

	Behaviour at min weight in flight(145 Kg)	Behaviour at max weight in flight(220 Kg)
Take off	1	1
<b>Inflation</b>	evenly, immediately	evenly, immediately
<b>Rising behaviour</b>	immediately comes over pilot	immediately comes over pilot
<b>Take off speed</b>	slight	slight
<b>Take off handling</b>	easy	easy
Straight flight	1	1
<b>Roll damping</b>	high	high
Turn handling	1	1-2
<b>Spin tendency</b>	not available	slight
<b>Control travel</b>	high	high
<b>Agility</b>	average	average
Symmetric stall	1-2	1
<b>Deep-stall limit</b>	average 60 cm - 75 cm	late > 75 cm
<b>Full stall limit</b>	average 65 cm - 80 cm	late > 80 cm
<b>Increase in steering power</b>	average	high
Front collapse	1	1
<b>Pre-acceleration</b>	slight	slight
<b>Opening behaviour</b>	spontaneous, quickly	spontaneous, quickly
Asymmetric collapse	1-2	1-2
<b>Turn tendency</b>	90 - 180 degrees	< 90 degrees
<b>Change of course</b>	< 90 degrees	90 - 180 degrees
<b>Rate of turn</b>	slight	average

		with deceleration
<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
Countersteering an asymmetric collapse		
	1	1
<b>Stabilization</b>	spontaneous	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, quickly	spontaneous, quickly
Full stall, symm. exit		
	1-2	1-2
Spin out of straight flight		
	1	1-2
Spin out of turn		
	1	1
Spiral dive		
	1-2	1-2
<b>Entry</b>	easy	easy
<b>Spin tendency</b>	not available	not available
<b>Exit</b>	turn continues through < 180 degrees	turn continues through < 180 degrees
<b>Sink rate after 720 ° [m/s]</b>	10	10
B-line stall		
	1	1
<b>Entry</b>	easy	easy
<b>Exit</b>	spontaneous	spontaneous
Big ears		
	1	1
<b>Entry</b>	easy	easy
<b>Recovery</b>	spontaneous, quickly	spontaneous, quickly
Landing		
	1	1
<b>Landing behaviour</b>	easy	easy
Front collapse (accelerated)		
<b>Pre-acceleration</b>		
<b>Opening behaviour</b>		

Asymmetric collapse (accelerated)

**Turn tendency**

**Change of course**

**Rate of turn**

**Max. roll/pitch angle**

**Loss of altitude**

**Stabilization**

**Opening behaviour**

Big ears accelerated

**Entry**

**Recovery**

**Supplementary remarks**