DHV Databases



UP RIMO S Type designation	UP Rimo S	
Type designation Type test reference no Holder of certification	DHV GS-01-2624-21	
	UP International GmbH	
Winch towing Number of seats min / max		
Accelerator Trimmers	Yes	
	BEHAVIOUR AT MIN WEIGHT IN FLIGHT (68KG)	BEHAVIOUR AT MAX WEIGH' IN FLIGHT (90KG)
Test pilots		
	Pani Stacker	Tage Parks
Tuelation (take off	No release	No release
	Smooth, easy and constant rising	Smooth, easy and constant rising
Special take off technique required	No	No
Special landing technique required	·	No
		A
Trim speed more than 30 km/h	Yes	Yes
Speed range using the controls larger than 10 km/h Minimum speed	Less than 25 km/h	Yes Less than 25 km/h
Control movement		A
Symmetric control pressure		Increasing Greater than 60 cm
Symmetric control travel Pitch stability exiting accelerated flight		A
Dive forward angle on exit	<u>.</u>	Dive forward less than 30°
Collapse occurs	No	No
Pitch stability operating controls during accelerated flight	A	A
Collapse occurs	No	No
	<u> </u>	A Reducina
Oscillations Stability in gentle spirals		Reducing
Stability in gentle spirals Tendency to return to straight flight	<u> </u>	Spontaneous exit
Behaviour exiting a fully developed spiral dive	A	A
Initial response of glider (first 180°) Tendency to return to straight flight	Spontaneous exit (g force decreasing, rate of	
Turn angle to recover normal flight	turn decreasing)	rate of turn decreasing) Less than 720°, spontaneous recover
		A
Entry	Rocking back less than 45° Spontaneous in less than 3 s	Rocking back less than 45° Spontaneous in less than 3 s
Recovery Dive forward angle on exit Change of course	Dive forward 0° to 30°	Dive forward 0° to 30° Keeping course
Change of course Cascade occurs Folding lines used	No	No
Folding lines used <u>Unaccelerated collapse (at least 50 % chord)</u>		no A
	Rocking back less than 45°	Rocking back less than 45°
Recovery Dive forward angle on exit	Spontaneous in less than 3 s Dive forward 0° to 30°	Spontaneous in less than 3 s Dive forward 0° to 30°
Change of course Cascade occurs	Entering a turn of less than 90° No	Keeping course No
Folding lines used	no	no
	Rocking back less than 45°	A Rocking back less than 45°
-	Spontaneous in less than 3 s	Spontaneous in less than 3 s Dive forward 0° to 30°
	Entering a turn of less than 90°	Keeping course No
Folding lines used		no
		A
-	Spontaneous in less than 3 s	Yes Spontaneous in less than 3 s
_	Changing course less than 45°	Dive forward 0° to 30° Changing course less than 45°
Cascade occurs		No
Recovery	Spontaneous in less than 3 s	Spontaneous in less than 3 s
Cascade occurs		No
Recovery from a developed full stall Dive forward angle on exit		Dive forward 0° to 30°
Collapse Cascade occurs (other than collapses)	No collapse No	No collapse No
Rocking back Line tension	Less than 45° Most lines tight	Less than 45° Most lines tight
Small asymmetric collapse	A	A
Change of course until re-inflation Maximum dive forward or roll angle		Less than 90° Dive or roll angle 0° to 15°
_	Spontaneous re-inflation	Spontaneous re-inflation Less than 360°
Total change of course	No (or only a small number of collapsed cells with a spontaneous re inflation)	
Total change of course	with a spontaneous re inflation)	
Total change of course Collapse on the opposite side occurs	with a spontaneous re inflation) No No	collapsed cells with a spontaneous rinflation)
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Big ears in accelerated flight

Alternative means of directional control

Entry procedure Dedicated controls

Α

Dive forward angle on exit Dive forward 0° to 30°

Recovery Spontaneous in less than 3 s

Behaviour during big ears Stable flight

Behaviour immediately after releasing the Stable flight accelerator while maintaining big ears

No other flight procedure or configuration described in the user's manual

180° turn achievable in 20 s Yes

Stall or spin occurs No

Any other flight procedure and/or configuration described in the user's manual

Standard technique

Dive forward 0° to 30°

Spontaneous in less than 3 s

Stable flight

Stable flight

Yes

No