Clubs

DHV Databases

IP RIMO L  Type designation	UP Rimo L	
Type test reference no Holder of certification	<u>UP International GmbH</u>	
Manufacturer Classification Winch towing		
Number of seats min / max  Accelerator	1 / 1	
Trimmers	BEHAVIOUR AT MIN WEIGHT IN	BEHAVIOUR AT MAX WEIGHT
Test pilots	FLIGHT (95KG)	IN FLIGHT (140KG)
	Harald Buntz	Sebastian Mackrodt
nflation/take-off	No release	No release
Rising behavious  Special take off technique required	r Smooth, easy and constant rising  No	Smooth, easy and constant rising No
anding	A	A
Special landing technique required	l No	No
peeds in straight flight  Trim speed more than 30 km/h	Yes	Yes
Speed range using the controls larger than 10 km/h	1	Yes Less than 25 km/h
Control movement	Less than 25 km/h	Less than 25 km/m
Symmetric control pressure Symmetric control trave		Increasing Greater than 65 cm
itch stability exiting accelerated flight	A	<b>A</b>
Dive forward angle on exit		Dive forward less than 30° No
itch stability operating controls during	A	A
ccelerated flight Collapse occurs	1	No
coll stability and damping	A	<b>A</b>
Oscillations		Reducing
tability in gentle spirals  Tendency to return to straight flight	A Spontaneous exit	Spontaneous exit
ehaviour exiting a fully developed spiral dive		<b>A</b>
Initial response of glider (first 180°)  Tendency to return to straight flight	t Spontaneous exit (g force decreasing, rate	
	turn decreasing) Less than 720°, spontaneous recovery	rate of turn decreasing) Less than 720°, spontaneous recove
ymmetric front collapse	A Posking back loss than 459	Packing back loss than 45°
Recovery	Rocking back less than 45° Spontaneous in less than 3 s	Rocking back less than 45°  Spontaneous in less than 3 s  Dive forward 0° to 30°
Dive forward angle on exit  Change of course  Cascade occurs	Keeping course	Dive forward 0° to 30°  Keeping course  No
Cascade occurs Folding lines used		No no
Inaccelerated collapse (at least 50 % chord)	<del></del>	A Posting host less than 450
-	Rocking back less than 45° Spontaneous in less than 3 s	Rocking back less than 45°  Spontaneous in less than 3 s  Dive forward 0° to 30°
Change of course Cascade occurs	Keeping course	Keeping course
Folding lines used		no
Accelerated collapse (at least 50 % chord)	Rocking back less than 45°	Rocking back less than 45°
	Spontaneous in less than 3 s	Spontaneous in less than 3 s Dive forward 0° to 30°
Change of course Cascade occurs	Keeping course	Keeping course No
Folding lines used	l no	no
<u>ixiting deep stall (parachutal stall)</u> Deep stall achieved	l Yes	Yes
Dive forward angle on exit		Spontaneous in less than 3 s Dive forward 0° to 30°
Change of course Cascade occurs	Changing course less than 45° No	Changing course less than 45° No
ligh angle of attack recovery	A Company in less than 3 a	Constant and in least than 2 a
Cascade occurs	Spontaneous in less than 3 s No	Spontaneous in less than 3 s No
Recovery from a developed full stall	A Diver formered 00 to 200	Dive femuend 00 to 200
Dive forward angle on exit  Collapse  Cascade occurs (other than collapses)	No collapse	Dive forward 0° to 30°  No collapse  No
	Less than 45°	Less than 45°
Line tension	Most lines tight	Most lines tight
Line tension	Most lines tight	Most lines tight
Line tension	Less than 90°	
Line tension  Small asymmetric collapse  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	Less than 90°
Line tension  Small asymmetric collapse  Change of course until re-inflation  Maximum dive forward or roll angle  Re-inflation behavious  Total change of course	Less than 90° Dive or roll angle 0° to 15° Spontaneous re-inflation	Less than 90° Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° s No (or only a small number of collapsed cells with a spontaneous re-
Line tension  Small asymmetric collapse  Change of course until re-inflation  Maximum dive forward or roll angle  Re-inflation behavious  Total change of course	Less than 90° Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cell with a spontaneous re inflation) No	Less than 90° Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° s No (or only a small number of
Line tension  mall asymmetric collapse  Change of course until re-inflation  Maximum dive forward or roll angle  Re-inflation behaviour  Total change of course  Collapse on the opposite side occurs  Twist occurs	Less than 90° Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cell with a spontaneous re inflation) No No	Less than 90° Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° s No (or only a small number of collapsed cells with a spontaneous reinflation) No
Change of course until re-inflation  Maximum dive forward or roll angle  Re-inflation behaviour  Total change of course  Collapse on the opposite side occurs  Cascade occurs  Folding lines used  arge asymmetric collapse  Change of course until re-inflation	Less than 90° Dive or roll angle 0° to 15° Spontaneous re-inflation Less than 360° No (or only a small number of collapsed cell with a spontaneous re inflation)  No No Less than 90° Less than 90°	Less than 90° Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360° s No (or only a small number of collapsed cells with a spontaneous reinflation) No No
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Α

**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

**Alternative means of directional control** 

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

Spontaneous in less than 3 s

Dive forward 0° to 30°

Stable flight

Yes

No