DHV TESTREPORT LTF DHV TESTREPORT EN DATASHEET PARTS LIST

OPERATING INSTRUCTION

## DHV TESTREPORT EN 926-2:2013+A1:2021

Type designation Type test reference no		
Holder of certification		¥ 32.00
Classification Winch towing	D	Det Offer
Number of seats min / max Accelerator	1 / 1	
	No BEHAVIOUR AT MIN WEIGHT IN FLIGHT (88KG)	BEHAVIOUR AT MAX WEIGHT IN FLIGHT (101KG
Test pilots		
	Josef Bauer	Mario Eder
	No release C	No release
-	Overshoots, shall be slowed down to avoid a front collapse No	Overshoots, shall be slowed down to avoid a front collapse No
<u>Landing</u>	Α	A
Special landing technique required	1	No
Trim speed more than 30 km/h		Yes
Speed range using the controls larger than 10 km/h Minimum speed	Yes Less than 25 km/h	Yes 25 km/h to 30 km/h
<u>Control movement</u>	C	c
Symmetric control pressure Symmetric control travel	-	Increasing 50 cm to 65 cm
Pitch stability exiting accelerated flight Dive forward angle on exit	A Dive forward loss than 30°	A Dive forward less than 30°
Collapse occurs		No
accelerated flight	Α	A
Collapse occurs	No	No
<u>Roll stability and damping</u> Oscillations	•	Reducing
<u>Stability in gentle spirals</u> Tendency to return to straight flight	A Spontaneous exit	A Spontaneous exit
Behaviour exiting a fully developed spiral dive		C
Initial response of glider (first 180°) Tendency to return to straight flight	Spontaneous exit (g force decreasing,	en : keine unmittelbare Reaktion Spontaneous exit (g force
Turn angle to recover normal flight	rate of turn decreasing)	decreasing, rate of turn decreasing en : 1080° bis 1440°, selbstständige Rückkehr in den
	-	Normalflug
Entry	<b>c</b> Rocking back less than 45°	C Rocking back less than 45°
Dive forward angle on exit		Spontaneous in 3 s to 5 s Dive forward 0° to 30° Entering a turn of less than 90°
Change of course Cascade occurs Folding lines used	No	Entering a turn of less than 90° No yes
Unaccelerated collapse (at least 50 % chord)	·	jes D
Entry	Rocking back less than 45° Spontaneous in less than 3 s	Rocking back less than 45° Recovery through pilot action in le
Dive forward angle on exit Change of course		than a further 3 s Dive forward 0° to 30° Entering a turn of 90° to 180°
Cascade occurs Folding lines used	No	No yes
	C	¦C
Recovery	Rocking back less than 45° Spontaneous in less than 3 s	Rocking back less than 45° Spontaneous in less than 3 s
-	Entering a turn of less than 90°	Dive forward 30° to 60° Entering a turn of less than 90°
Cascade occurs Folding lines used	-	No yes
Exiting deep stall (parachutal stall) Deep stall achieved	<b>B</b> Yes	<b>B</b> Yes
Recovery Dive forward angle on exit	Spontaneous in less than 3 s Dive forward 30° to 60°	Spontaneous in less than 3 s Dive forward 30° to 60°
Change of course Cascade occurs	Changing course less than 45° No	Changing course less than 45° No
	A Spontaneous in less than 3 s	A Spontaneous in less than 3 s
Recovery Cascade occurs	Spontaneous in less than 3 s No	Spontaneous in less than 3 s No
<u>Recovery from a developed full stall</u> Dive forward angle on exit	B Dive forward 30° to 60°	B Dive forward 30° to 60°
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
	000 to 1900	C
Change of course until re-inflation Maximum dive forward or roll angle Re-inflation behaviour		90° to 180° Dive or roll angle 15° to 45° Inflates in less than 3 s from start
Total change of course	pilot action	of pilot action Less than 360°
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous re inflation)	No (or only a small number of collapsed cells with a spontaneous re inflation)
Twist occurs Cascade occurs		No No
Folding lines used	-	yes C
Change of course until re-inflation		90° to 180°
Maximum dive forward or roll angle Re-inflation behaviour Total change of course	Spontaneous re-inflation	Dive or roll angle 15° to 45° Spontaneous re-inflation Less than 360°
Collapse on the opposite side occurs		No (or only a small number of collapsed cells with a spontaneous re inflation)
Twist occurs Cascade occurs		No No
Folding lines used	yes	yes
Change of course until re-inflation		<b>c</b> 90° to 180°
Maximum dive forward or roll angle Re-inflation behaviour	-	Dive or roll angle 45° to 60°
Re-initiation behaviour	Inflates in less than 3 s from start of pilot action	
Re-inflation behaviour Total change of course Collapse on the opposite side occurs	pilot action Less than 360° No (or only a small number of collapsed	of pilot action Less than 360° No (or only a small number of
Total change of course Collapse on the opposite side occurs	pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous re inflation)	of pilot action Less than 360° No (or only a small number of collapsed cells with a spontaneous re inflation)
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Alternative means of directional control A	Α
180° turn achievable in 20 s Yes	Yes
Stall or spin occurs No	No

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

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