

SZD-54-2 PERKOZ

... universal champion for ambitious pilots

This two-seater top model of the SZD-type-family of glassfibre composite combines the experience of 50 years of glider manufacturing with the latest experience of aerodynamics, design and ergonomics. The result enthruses experienced competition pilots as well as instructors and ambitious aerobatic pilots. The unique combination of extraordinary flight performance save and simple handling in all flying situations as well as a comfortable tandem cockpit with best visibility makes the PERKOZ the champion in its class.

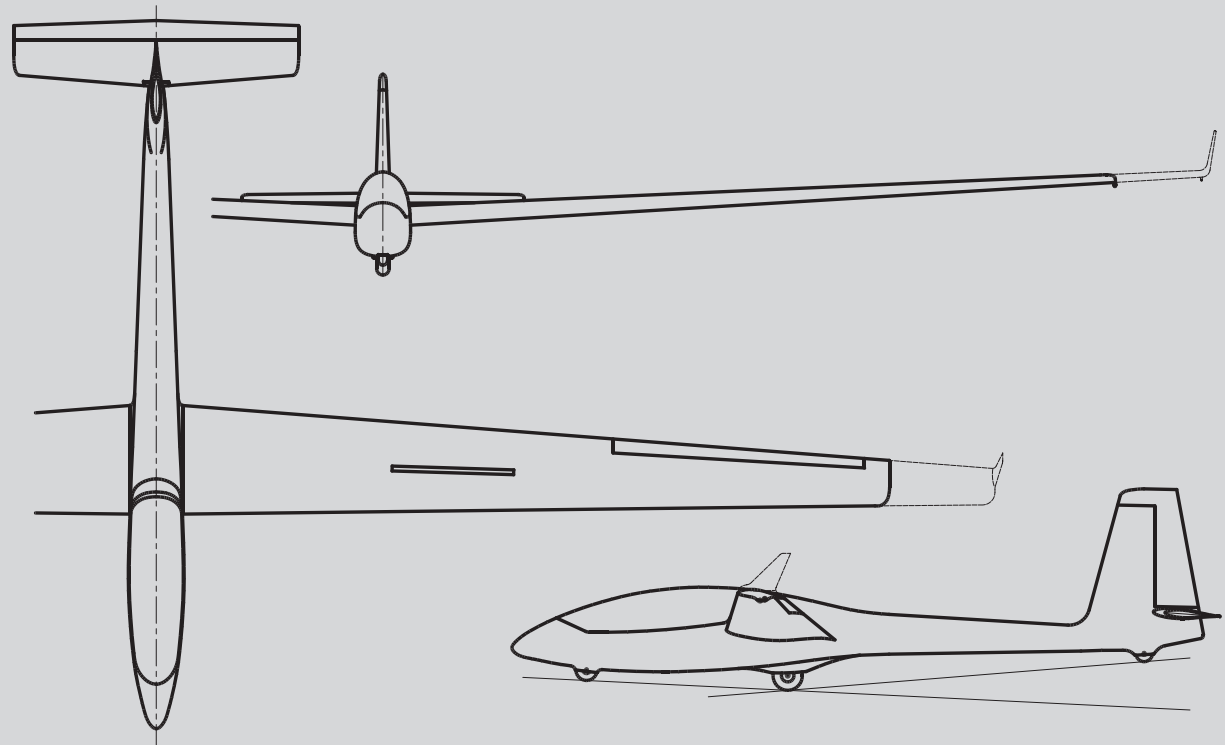
The PERKOZ has been designed according to CS-22 regulations for aerobatic flying and has been approved for aerobatic flying as well as for the utility category. The version with attached wingtips has a span of 20m and an extraordinary finesse ratio of 42.

The rigging of the PERKOZ is simple, save and fast due to the automatic controls. A hydraulic brake which has to be handleed by a lever on the stick make the landing save and free of stress. The universal usability makes the PERKOZ unique and an optimum investment for clubs and private pilots.

Design life : 15.000 hrs

Actually approved operating time: approval expected

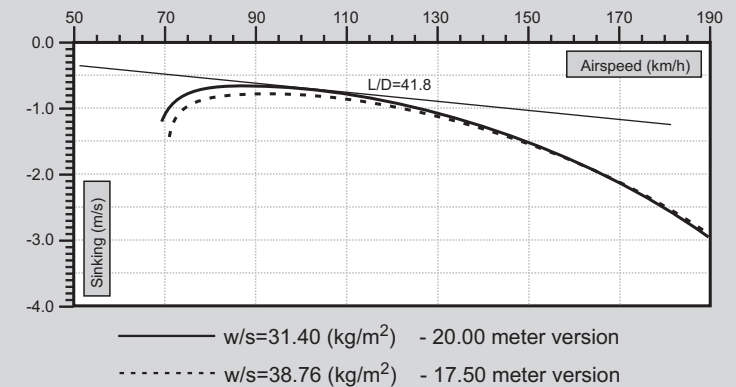
Factory warranty: 24 months



Span	m	17.50	20.00
Lenght	m	8.25	8.25
Height	m	2.05	2.05
Wing area	m ²	16.36	17.82
Aspect ratio		18.7	24.75
Empty Glider mass	kg	365	379
All-Up mass	kg	585*/565**	600
Wing loading range	kg/m ²	28.1-35.76	27.2-33.7
Load factors			
	+	5.3*/7.0**	5.3
	-	2.65*/5.0**	2.65
Maximum L/D		37	41.8
at	km/h	109	102
Stalling speed	km/h	62.9 (460 kg)	61.6 (485 kg)
Minimum sinking speed at	m/s km/h	0.66 82	0.58 78
Never exceed speed	km/h	240*/265**	240

*- UTILITY category

**- AEROBATIC category



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