

# SZD-50-3 PUCHACZ

**"World's best value in a two-place aerobastic sailplane."**

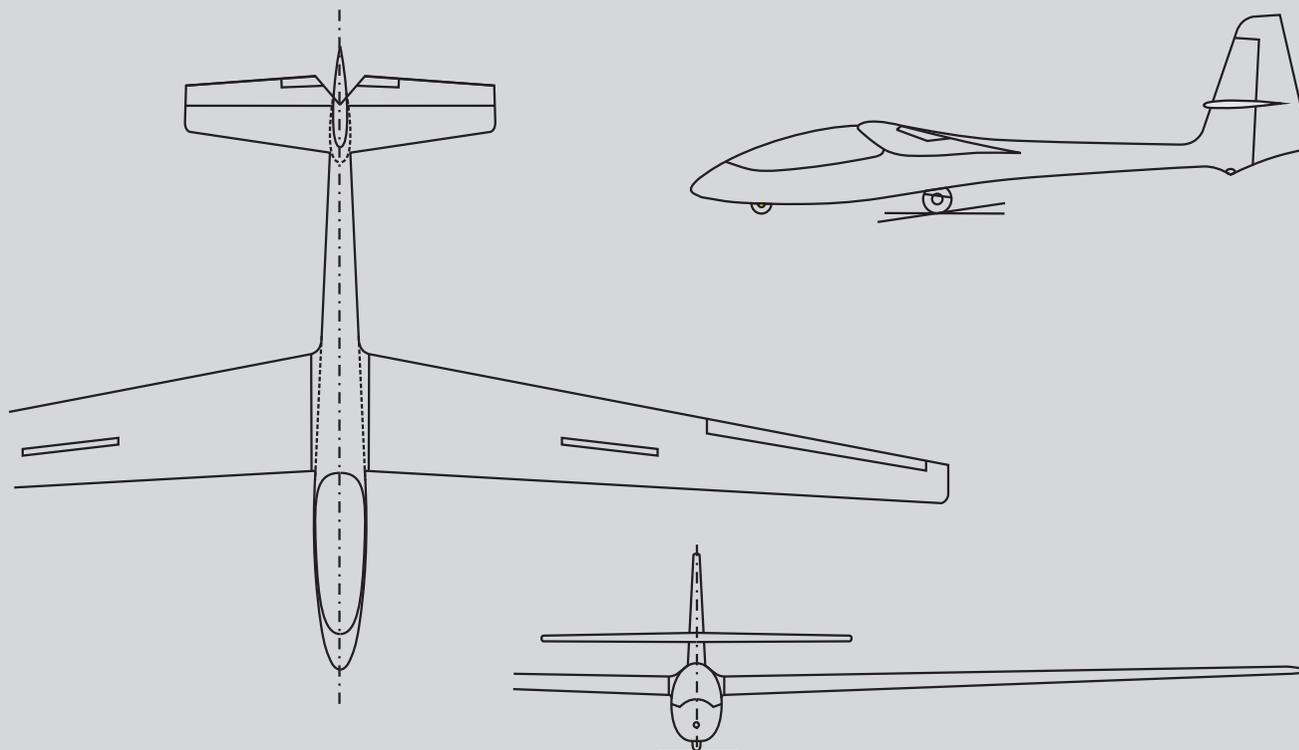
The SZD-50-3 PUCHACZ is a two-place training and aerobatic sailplane designed primarily for clubs and soaring schools. The PUCHACZ features beautifully finished fiberglass construction, a quiet and comfortable tandem cockpit, and exceptional handling qualities. This combination of characteristics has established the Puchacz as one of the world's favorite two-place sailplanes.

The PUCHACZ meets both OSTIV and JAR-22 Utility Category certification requirements... plus, it is approved for extended aerobatics including inverted flight and rolling maneuvers. It is solidly built of fiberglass epoxy composite and protected by durable acrylic.

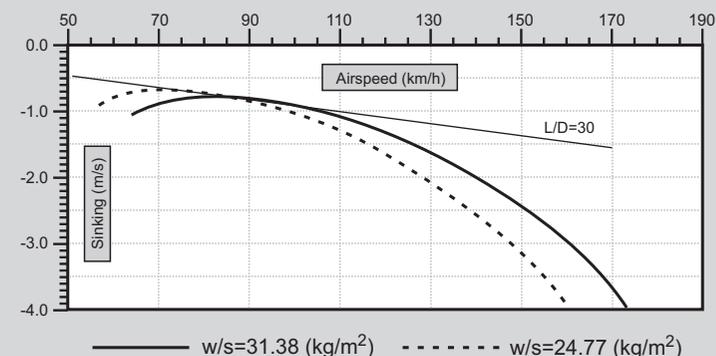
It is among the easiest two-place sailplanes to assemble. A single pin secures the wings in place. Rigging the tailplane is even easier, with a spring-loaded locking pin automatically securing the assembly. Connection of all flight controls is also fully automatic.

The spacious cockpit has adjustable front rudder pedals and an adjustable rear seat to accommodate pilots of all sizes in comfort. The one piece side-opening canopy provides outstanding visibility for both pilots. The front instruments are arranged so that they can be easily viewed from the rear seat; however, a rear instrument panel is also available as an option. The real secret to the PUCHACZ popularity is its excellent handling qualities, both on the ground and in flight. Flight instructors and experienced pilots often describe the Puchacz as the nicest flying two-place sailplane they've ever flown. Fly it once - we think you'll agree!

Design life: 15.000 hours  
 Actually approved operating time: 12.000 hours  
 Factory warranty: 24 months



Span	m	16.67
Lenght	m	8.38
Height	m	2.04
Wing area	m <sup>2</sup>	18.16
Aspect ratio		15.30
Empty Glider mass	kg	365±5
All-Up mass	kg	570
Wing loading range	kg/m <sup>2</sup>	-
Load factors	+ -	5.30 2.65
Maximum L/D at	km/h	30 (at avg. mass) 85
Stalling speed	km/h	60 (at avg. mass)
Minimum sinking speed at	m/s km/h	0.70 75
Never exceed speed	km/h	215



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