

SZD-59 ACRO

"Best of aerobatics and soaring performance at an affordable price."

The SZD-59 ACRO is a dual-purpose single-seat all-composite sailplane.

Whether for competition or pure enjoyment more and more glider pilots are discovering the challenge and excitement of sailplane aerobatics. Until now, however, most sailplane designs were optimized for either soaring or aerobatic performance, but not both.

Now with the SZD-59 ACRO, it is possible to have a virtually unlimited aerobatics glider and a 40:1 Standard Class sailplane in the same aircraft. The secret to this versatility is the ACRO's detachable wingtips. You can increase performance even more with the optional winglets.

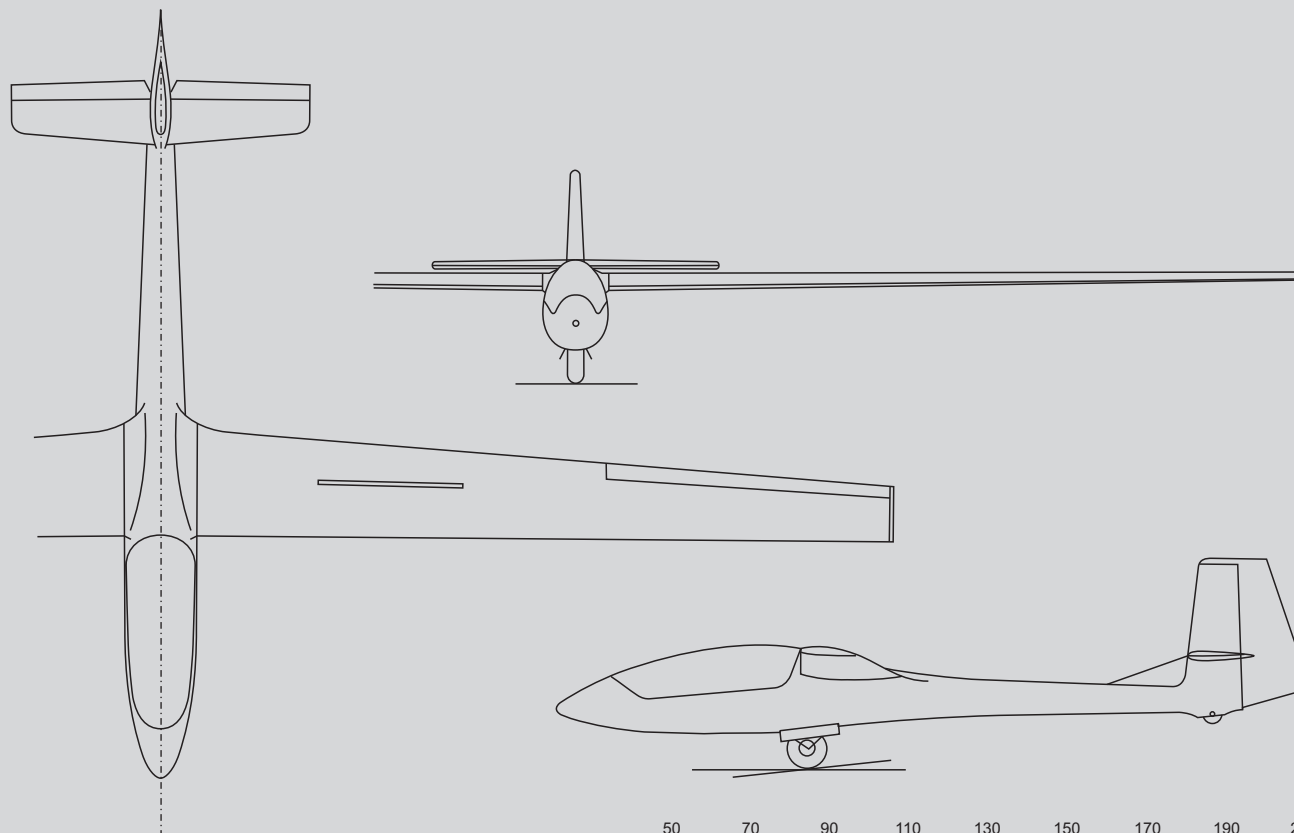
In its full span configuration, the SZD-59 has the same excellent flying qualities and soaring performance as a legendary Standard JANTAR, from which it was derived. With its 150 liter water tank capacity and 285 km/h top speed, the ACRO rivals the best standard class sailplanes. But with the wingtips removed (a simple 2 minute task), the SZD-59 transforms into a 13.2 meter, fast-banking, "unlimited" acrobatic glider, which can perform just about any maneuver you can imagine, up to +7/-5 gs.

In either configuration, you will find the SZD-59 ACRO is one of the smoothest, quietest and best-balanced sailplane ever produced.

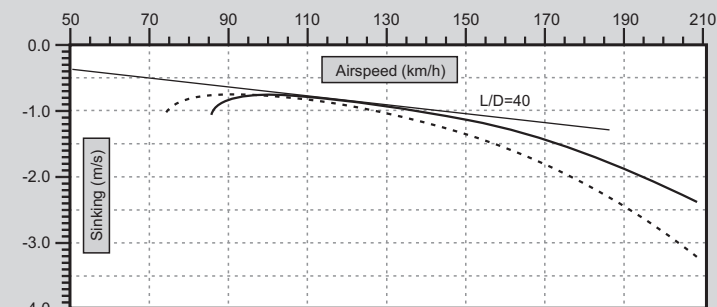
Hard to believe? Just ask anybody that has flown one or call us today to find out how you can take a test flight for yourself.

Flying the SZD-59 ACRO is like flying "two" of the best sailplane ever.

Design life: 15.000 hours
 Actually approved operating time: 4.000 hours
 Factory warranty: 24 Month.



Span	m	15.00	13.20
Lenght	m	6.85	6.85
Height	m	1.50	1.50
Wing area	m ²	10.66	9.80
Aspect ratio		21.01	17.80
Empty Glider mass	kg	270	265
All-Up mass	kg	540	380
Wing loading range	kg/m ²	31.00 - 50.70	-
Load factors	+ -	5.30 2.65	7 5
Maximum L/D		40	36
at	km/h	124	115
Stalling speed	km/h	82 (at 540 kg)	74 (at 380 kg)
Minimum sinking speed at	m/s km/h	0.77 97	0.70 80
Never exceed speed	km/h	285	280



----- w/s=38.80 (kg/m²) - 13.20 meter version
 ————— w/s=50.70 (kg/m²) - 15.00 meter version



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