



BLACKSHAPE PRIME

A revolutionary high performances tandem seats aircraft featuring a full carbon fiber frame.

Exceptional performance and unparalleled safety features ensure you will fully enjoy high speed and agility.

The Prime combines sportiness with versatility and creates a flying experience like no other. Focused on power, speed, control, luxury and freedom, the Prime is the perfect aircraft for those looking to pilot innovation and excellent craftsmanship.

Whether it be a sport aircraft enthusiast who lives life to the fullest, or the experienced pilot who seeks unparalleled control and power in a light sport aircraft, or the executive looking to harness productivity through increased mobility and reduced travel time, the Prime is the plane of choice.



flieger
magazin

Blackshape Prime awarded best airplane of the world 2013 in Ultra-Light Category.





Specification and performance		Bk100	Bk100 T
DIMENSIONS			
Wing area	[m ²]	9,51	9,51
Wing span	[m]	7,94	7,94
Height overall	[m]	2,41	2,41
Length overall	[m]	7,178	7,178
WEIGHT AND LOADS			
Max Take Off Weight	[kg]	472,5 (up to 620)*	472,5 (up to 620)*
W/S	[kg/m ²]	49,7	49,7
Max baggage weight	[kg]	20	20
ENGINE AND PROPELLER			
Engine		Rotax 912 ULS3	Rotax 914 ULS3
Propeller		MTV-33-1-A with Variable Pitch	MTV-33-1-A with Variable Pitch
PERFORMANCE			
Max continuous power	[Hp]	100	115
Stall Speed @Flap LDG	[km/h]	65	65
Cruising Speed VC	[km/h]	275	280
Max rate of climb	[fpm]	1150	1450
Range @75% MCP	[km]	1100	1100
Endurance @75% MCP	[h]	4,5	4,5
SISTEMS			
Baseline		<ul style="list-style-type: none"> • EFIS (Dyonon Skyview SV-D1000) • Radio COM • Intercom (PM1000II) • Transponder mode S 	
Optionals		<ul style="list-style-type: none"> • Autopilot 2-Axis (Dyonon) • ELT • EFIS backseat (Dyonon Skyview SV-D700) • LDG & Flaps backseat control panel • Brakes & Prop bacskeat control 	
Fuel Tank Capacity		2 x 50 lt	
Landing Gear		Tricycle retractable landing gear electrically actuated	
Max Load Factors		+ 4 / -2 g	
Safety Equipment		Ballistic Recovery System, Anti - Blast Fuel Tanks	

*Depending on country of registration