



BLACK SHAPE *prime*

IMPASSIONING THE MOST PASSIONATE

Blackshape's Prime is an ultralight aircraft whose sleek styling, unbelievable performance and unparalleled safety offer pilots all the features and handling of a general aviation aircraft at a fraction of the cost.

MATERIALS

Blackshape's Prime is the only ultralight aircraft to use pre-preg, hot melt, carbon fiber to construct the fuselage, wings and tail. The carbon fiber used in the construction of the aircraft conforms to FAR 25 regulations and is self-extinguishing in the event of fire.

All mechanical parts are made from chromoly 4130 steel which, like the carbon fiber used in construction, is praised for its outstanding strength and light weight and anodized aluminum 7075 which is used for its high strength to density ratio, ensuring quality without sacrificing performance and adding weight.

All weld parts are subject to xray, ultrasonic and penetrating liquid non destructive tests, ensuring and validating the quality and safety of all materials.

SAFETY

The Blackshape Prime ultralight aircraft come standard with unparalleled safety features and a unique design that protects the pilot and passenger in the event of an emergency.

Standard safety features include:

- ▶ FAR 25 carbon fiber frame
- ▶ 2 x 33 L anti-blast fuel tanks
- ▶ 4 spar carbon fiber cockpit
- ▶ Advanced Diagnostics Module
- ▶ Internal ballistic parachute
- ▶ Stall alarm
- ▶ 4 point EASA certified safety belts

P E R F O R M A N C E	Cruise speed @ 75% power	275 km/h - 171 mph
	Speed @ max continuous power	300 km/h - 186 mph
	Never exceed speed	340 km/h - 211 mph
	Cruise range @ 75% power	800 km plus 30 min 497 miles plus 30 min
	Consumption @ 75% power	18 l/h - 4.7 USgal/h
	Economic Flight Consumption	8 L/h @ 225 km/h
	Economic Flight Range	1700 km @ 225 km/h
	Take off/Landing distance	180 m - 591 ft

STANDARD FEATURES

The following features come standard with each Blackshape Prime ultralight aircraft:

Electrical Flaps, elevator electric trim, Rotax 912 ULS 100HP engine, 21 breaker electrical system, FAR 25 carbon fiber frame, 4 point EASA certified seat belts, ballistic parachute, 2x33 Lt anti-blast fuel tanks, Blackshape ADM™ maintenance module, stall alarm, retractable landing gear with front wheel steering, parking brake, Woodcomp three blade constant pitch propeller, FAR 25 tech tissue interiors, analog avionics package, Becker AR4201 radio

Many option packages are available. Speak with your local dealer to discover which package works best for you.

BLACKSHAPE



WHY BLACKSHAPE?

Blackshape's mission is to create the highest quality, best performing and safest aircraft in their class, bar none.

To reach this goal, Blackshape is changing the way ultralight aircraft are made, and a new way of making aircraft requires a new type of company, one that is future focused, precision driven and unswerving in using safety critical materials and technology.

QUALITY

Blackshape emphasizes quality in every aspect of the business, from our choices in the materials used and the people we hire to our processes and systems.

PERFORMANCE

Blackshape ultralight aircraft push the very limits of what is possible, both with our aircraft and with our business.

SAFETY

Safety is the first and foremost concern in every aspect of the design, manufacture and use of every Blackshape aircraft. We take the necessary preparation and prevention steps to make sure that every flight you take in a Blackshape aircraft is as safe as possible.

FINANCIAL BACKING AND INDUSTRIAL KNOW-HOW

Blackshape has partnered with Angelo Investments, a seed and early stage private equity firm that focuses on high technology industries, to further support the production of world class ultralights. Blackshape's ideas and focus combined with the financial, administrative and industrialization know-how of Angelo Investments creates a fertile ground for innovation and growth.

Knowledgeable and experienced staff and experts in the aviation field make up Blackshape's staff, allowing us to build exceptional aircraft.



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