

Bristell B23

BRISTELL B23 CERTIFIED **CS-23 MTOW: 750KG**



The BRISTELL B23 looks very similar to the Classic Bristell Light Sport Aircraft. However there are many enhancements in this new design. Certified to CS-23 with a Maximum Take Off Weight of 750 kilograms, the fuselage is longer and tail larger, with an aluminium rudder and more effective stabiliser. A redesigned composite main landing gear has been incorporated for carrying higher loads, with improved twin trim tabs allowing fine tuning of control loads.

MAIN FEATURES

- ⇒ Night VFR certified, ready for IFR MCR upgrade
- ⇒ Strong structure
- ⇒ Rescue system installed
- ⇒ Custom upholstery
- ⇒ Roomy ergonomic cockpit, 125cm wide inside
- ⇒ Rotax 912S, 100HP, low operating costs
- ⇒ 3-Blade hydraulic adjustable MT Propeller
- ⇒ Full modern glass cockpit with dual Garmin G3X screens
- ⇒ Garmin Autopilot with GMC 307 control panel and Blue LEVEL button



Your Choice

CUSTOM PAINT

All aircraft have the option of custom paint to promote your company, flight school or just your own unique design.



INTERIOR DESIGN & INSTRUMENTATION

Our aircraft come with customised instrument panels, both digital and analogue to suit your particular application, be it flight training or private operations. To compliment your aircraft there is an extensive range of custom interior combinations to choose from to ensure your aircraft is unique.



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Technical Specifications

Dimensions

	B23
Wing Span	9.13m
Wing Area	11.75m ²
Wing Loading	51.06 kg/m
Aircraft Length	6.45m
Aircraft Height	2.28m
Cabin Width	1.3m

Weights

	B23
Empty Weight	435kg
Maximum take-off weight	750kg
Useful Load	315kg
Fuel Tank Capacity	120L
Fuselage Luggage Compartment	15kg
Wing Luggage Compartment	2 x 20kg
Load Factors	+4/-2g



The BRISTELL B23 version has heavy-duty wing spars in the standard configuration, which make cross- country flights much safer in extreme weather conditions.

NOTE:

The Empty Weight specified here is an indicative standard empty weight only. This will vary depending on the options you choose for your own aircraft.



Storage in two wing lockers

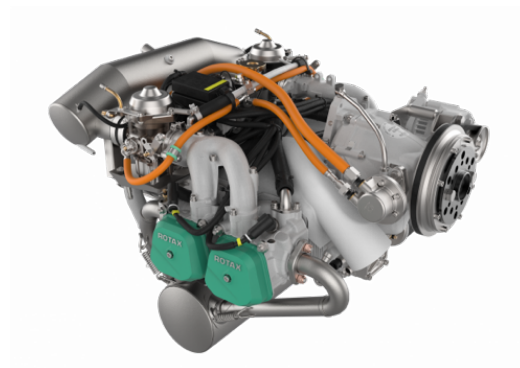


Operational Speeds

B23	
Stall speed – flaps V_{SO}	41 kts
Stall speed no flaps V_{S1}	48 kts
Manoeuvring speed V_A	98 kts
Maximum flap speed V_F	81 kts
Maximum horizontal flight speed V_H	117 kts
Never exceed speed V_{NE}	156 kts
Clean V_y	75 kts
ROC Max	690 ft/min
FL 10 V_y	67 kts
ROC Max	732 ft/min
Take Off Distance over 50ft obstacle	469 m
Take off Distance Ground	363 m
Landing Distance ground roll	134 m
Landing Distance over 50ft obstacle	329 m
FL 10 V_y	67 kts
V_x	60 kts

Power Plant

B23	
Rotax 912 S3	100 Hp



Wings with heart

The Bristell aircraft variants are a fully customisable aircraft.

Ask your distributor about the many options you have that the factory are happy to provide.

This enables you to choose the options that make your Bristell truly representative of your personality or business.

Your Distributor will assist with any of your enquiries.

Call them today for your personal test flight.



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