

## Bristell NG5 LSA TDO



The BRISTELL TDO version has a two-wheel fixed gear undercarriage with tail wheel – an ideal aeroplane for enthusiasts. Thanks to the combined comfort of good ergonomic design in the largest cockpit in its category, this aeroplane is the ideal vehicle for fun and for long cross-country flights. The BRISTELL TDO version has heavy-duty wing spars in the standard configuration, which make cross-country flights much more robust in extreme weather conditions. Its users appreciate ease of use and higher cruising speed compared to Bristell Classic.

### MAIN FEATURES OF THE TDO

- ⇒ Bigger wheels available
- ⇒ Fly for the joy of it
- ⇒ Custom paint design
- ⇒ Four choices of canopy bubble colour
- ⇒ Rescue system installation available
- ⇒ Custom instrumentation
- ⇒ Custom upholstery
- ⇒ The Bristell NG5 Light Sport Aircraft comes in a short or long wing version. See specifications.



# 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.



CALL US  
Mob: +61 0428 355 266

EMAIL:  
[brett@andersonaviation.com.au](mailto:brett@andersonaviation.com.au)

# Technical Specifications

## Dimensions

	LSA
Wing Span	9.13m or 8.13m
Wing Area	11.75m <sup>2</sup>
Wing Loading	51.06 kg/m <sup>2</sup>
Aircraft Length	6.45m
Aircraft Height	2.28m
Cabin Width	1.3m

## Weights

	LSA
Empty Weight	330kg
Maximum take-off weight	600kg
Useful Load	270kg
Fuel Tank Capacity	120L
Fuselage Luggage Compartment	15kg
Wing Luggage Compartment	2 x 20kg
Load Factors	+4/-2g



Available for the Bristell TDO is the Alaskan tundra tyres and heavy duty main undercarriage.

Storage in two Wing lockers



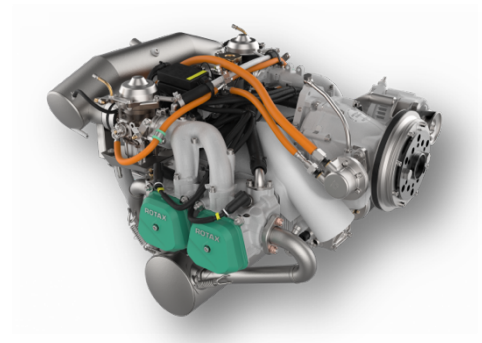
## Operational Speed

LSA		
Stall speed with flaps - $V_{SO}$	58 km/h	(31 kts)
Stall speed no flaps - $V_{S1}$	74 km/h	(40 kts)
Manoeuvring speed - $V_A$	175 km/h	(94 kts)
Maximum flap speed - $V_{FE}$	139 km/h	(75 kts)
Maximum horizontal flight speed - $V_F$	250 km/h	(135 kts)
Never exceed speed ( $V_{NE}$ )	290 km/h	(157 kts)



## Power Plants

LSA	
Rotax 912 UL	80 Hp
Rotax 912 ULS	100 Hp
Rotax 912is Sport	100 Hp
Rotax 914 UL	115 Hp
Rotax 915 UL	141 Hp



Your Distributor will assist with any of your enquiries.  
Call them today for your personal test flight.

*Wings with heart*

