

1.1.4 General Dimensions

1.1.4.1 XT 582 / Cruze

DIMENSIONS	Australian	European	USA
Wing Span	9.97 m	9.97 m	32.7 ft
Wing Area	14.4 sq m	14.4 sq m	155 sq ft
Aspect Ratio	6.9		
Wing Weight	51 kg	51 kg	112 lbs
Overall Height (Control Bar Fwd)	3.65 m	3.65 m	11.9 ft
Trike Width	1.91 m	1.91 m	6.3 ft
Trike Length	2.85 m	2.85 m	9.3 ft
Wheel Track	1.7 m	1.7 m	5.6 ft
Wheel Base	1.89 m	1.89 m	6.2 ft
Trike Height	2.53 m	2.53 m	8.3 ft
Cockpit Width	0.7 m	0.7 m	2.3 ft
Wing (Packed) Length	5.6 m	5.6 m	18.4 ft
Wing Length (Short Packed)	4.2 m	4.2 m	13.8 ft

XT 582 Outback / Cruze

DIMENSIONS	Australian	European	USA
Trike Length	2.76 m	2.76 m	9.1 ft
Height Trike Base (propeller)	1.62 m	1.62 m	5.3 ft
Height Minimum Trike Base	1.450 m	1.450 m	4.8 ft
Overall Height (Control Bar Fwd)	3.85 m	3.85 m	12.6 ft

Table 1 Section 1. General Dimensions

1.1.5 General Description

1.1.5.1 Base

Full Cockpit Model

The XT 582 trike base is a two seat (in line) weight shift controlled aircraft. A Rotax 582 two-stroke engine producing 65 HP powers the base. The layout is typical of this class of two seat trike design, with the pilot passenger "pod" being suspended by a triangular frame, hinged from the mast head about the pitch and roll axes, to provide for weight shift control.

The cockpit has a tall windscreen for improved wind deflection and is cut away at the sides to allow for easier pilot access. The wide rear 6-inch wheels remain a feature of the XT base but the wheel pants/spats have been redesigned and include integrated aerodynamic fins to improve base yaw stability.

Binnacle Tundra Model