

XT912-SST Tundra Specifications

XT912-SST						
PERFORMANCE	Australian		European		USA	
Never Exceed Speed VNE indicated	85	kts	157	km/hr	98	mph
Cruise Speed @ MTOW	70	kts	130	km/hr	80	mph
Stall Speed @ MTOW	35	kts	65	km/hr	40	mph
Best Climb Rate(49 knots) @ MTOW	825	ft/min	4.2	m/sec	825	ft/min
Best Climb Speed	49	kts	91	km/hr	57	mph
Take off Distance to 15 mts or 50 feet- Note 1	247	m	247	m	810	ft
Landing Distance @ MTOW from 15 mts- Note 1	325	m	325	m	1066	ft
Descent Rate 54knots @ MTOW - Note 3	770	ft/min	3.9	m/sec	770	ft/min
Fuel Tank Capacity - Note 3	70	lt	70	lt	18.5	gal

Typical Fuel Burn @ Cruise (MTOW)	11	lt/hr	11	lt/hr	2.9	gal/hr
Range @ Cruise	730	km	730	km	453	miles

NOTE 1: Take off and landing distances were measured from a short grass runway.

The data includes the reserve factor of 1.3 as stated in the manual.

NOTE 2: Fuel consumption figures are included as a guide only. The consumption figures should not be used for planning purposes.

NOTE 3: Maximum usable fuel 67 Liters or 17.7 US Gal

DESIGN LOADS	Australian		European		USA	
Max take off weight (MTOW)	450	kg	450	kg	992	lbs
Ultimate load @ MTOW	+6g / -3g					
Flight limits @ MTOW	+4g / -0g					
Total maximum crew weight	200	kg	200	kg	440	lbs
Permitted range of pilot weights (Front seat)	55-100	kg	55-100	kg	121-220	lbs
Permitted range of pilot weights (Rear seat)	0-100	kg	0-100	kg	0-220	lbs
Maximum empty weight (see note 3)	260	kg	260	kg	573	lbs

NOTE 3: Includes 3 liters (2kg) unusable fuel. Empty weight is defined in section 6.2 of the manual.

DIMENSIONS	Australian		European		USA	
Wing Span	9.97	m	9.97	m	32.7	ft
Wing Area	13.5	sq mts	13.5	sq mts	146	sq ft
Aspect Ratio	6.6					
Wing Weight	58	kg	58	kg	128	lbs
Overall Height (Control Bar Fwd)	3.07	m	3.07	m	10.1	ft

Trike Width (to outside of wheel spats)	1.91	m	1.91	m	6.27	ft
Trike Length	2.745	m	2.745	m	9.01	ft
Wheel Track	1.7	m	1.7	m	5.58	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	18.37	ft
Wing Length (Short Packed)	4.2	m	4.2	m	13.78	ft
POWER PLANT			PROPELLOR			
Make	Rotax Bombardier		Propellor	Bolly		
Model	912 UL 2		Type	Bos3 68X58_SL ground adjustable		
Power	80	Hp	Diameter	68"		
Type	4 Stroke-1198cc		Pitch	20 +/- 0.5 deg @ radius of 24"		
Ignition System	Dual Electronic					
No Cylinders	4					
Electric Start	Standard					
Reduction Ratio	2.43:1					