



KITPLANES FOR AFRICA (PTY) LTD
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EXPLORER UL-600

(Also known as the Bushbaby Explorer and the Explorer)

Specifications

General

Available as a factory-built fly-away aircraft, as a complete kit, sub-kits, or any configuration in-between

Certification basis	LTF-UL 2019 and ASTM F2245-16c
Fuel capacity (L)	105
Unusable fuel (L)	5
Endurance	5hr with 30min reserve
Range	450nm with 30min reserve
Average fuel consumption Rotax 912 ULS (L/hr)	18
Cockpit width widest point (m)	1,092 (43")
Total length (m) FRL Level	5,915
Wing Span (m)	9,22
Wing Area (m ²)	12,03
Wing MAC (m)	1,305
Height (m) FRL level	2,625
Seats	2 side by side
Wheel track (m)	1,73
Dual controls	Standard (Dual sticks and dual rudder pedals) (co-pilot brakes not included - extra)

Weights and Loads

Empty Weight (kg) (options dependent)	350kg - 380kg
Useful load	250kg - 220kg
MTOW (kg)	600
Min TOW (kg)	446
Baggage capacity (kg)	30
Baggage volume (m ³)	0.1
Limit Positive design load factor (g)	+4
Limit Negative design load factor (g)	-2
Ultimate design load factors	+6/-3

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Powerplant

Engine choices	Rotax 912UL, Rotax 912 ULS, KFA 912 ULST, Rotax 914
Hp range	80, 100, 122, 115
Propeller choices	FP-Propeller, Warp drive. Ground adjustable, In-Flight Adjustable or Constant speed. 72"

Performance

(With Rotax 912 ULS and fixed pitch prop)

Take-off roll (m)	80
Landing roll (m)	100
Rate of Climb (ft/m)	800
Stall, Clean config (kt)	38
Stall Landing config (kt)	35
Stall full flap (kt)	33
Cruise (kt)	70-100
VNE (kt)	117
VA (kt)	84
Max Gust load at Min weight	+5.06
Service ceiling (ft)	14000
Demonstrated cross wind (kt)	20

Other

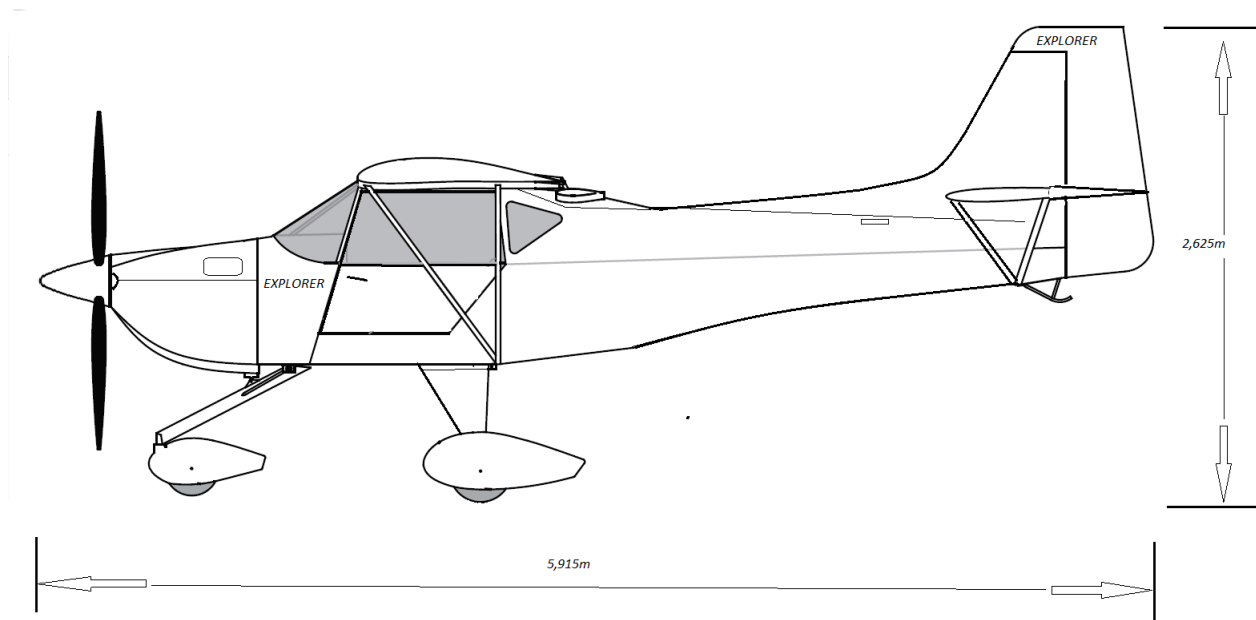
Tyres standard (Mainwheel)	6.00x6 Aero trac or Aero trainer
Tyre Standard (Nose Wheel)	15 x 6.00/6
Tailwheel	Matco 8"
Vortex Generators on wing	Stolspeed VG's
Speed fairings	Speed fairings on lift struts, jury struts and HT struts



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Extra options

- Cabin heating
- Cabin lighting
- Navigation lights
- Landing lights
- Single or dual EFIS
- Transponder
- Backup fuel pump for 912UL and ULS
- Rescue system
- Co-pilot brakes
- Glider tow hook
- Full carbon package
- Carbon instrument panel
- Luxury interior (Alcantara, cloth or leather upholstery)
- 22" or 26" tyres with 6" wheels
- 27,5" with 8" wheels
- Single or dual caliper brakes
- Wheel spats (pants) only 6" tyres
- Nose wheel

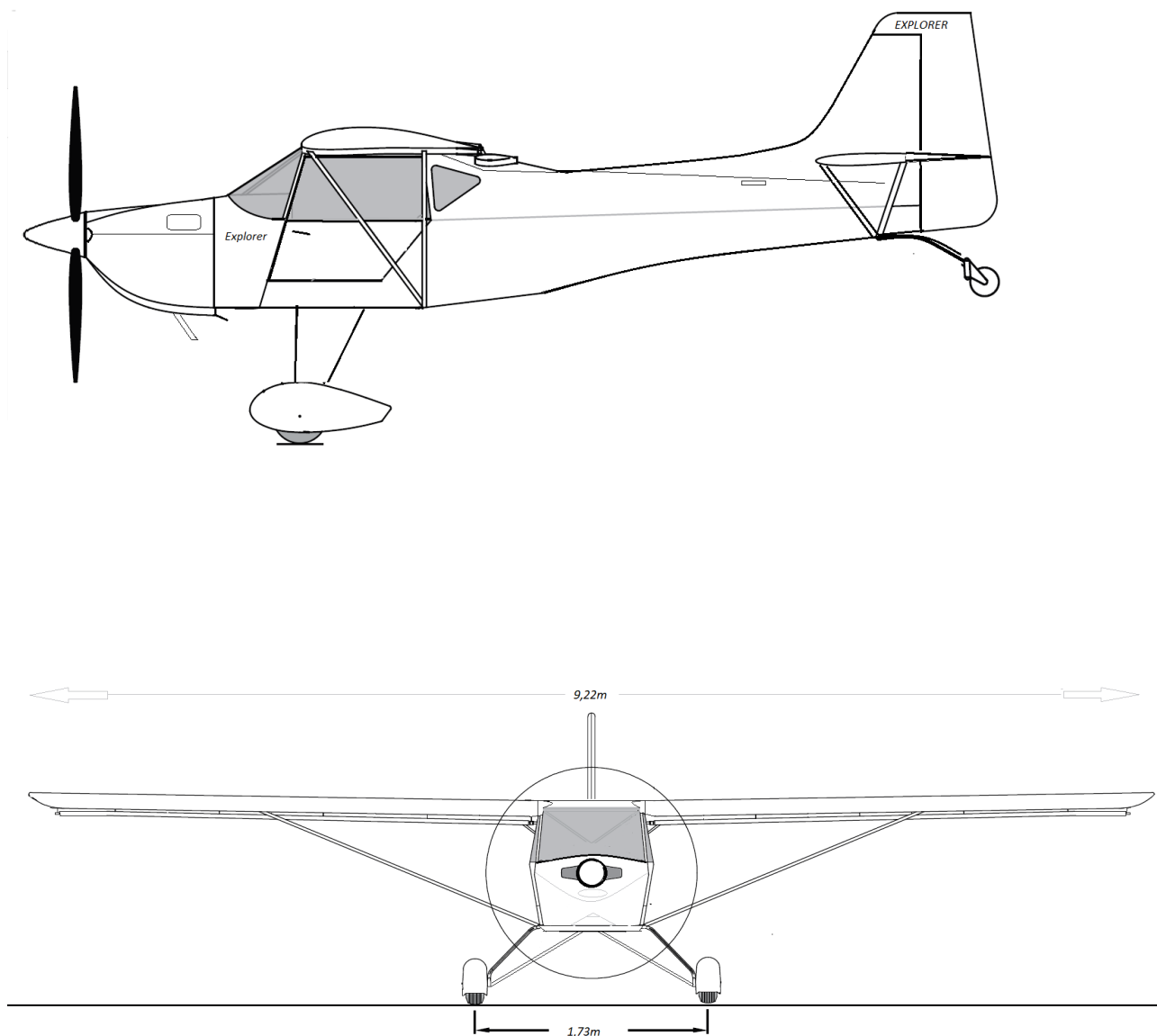


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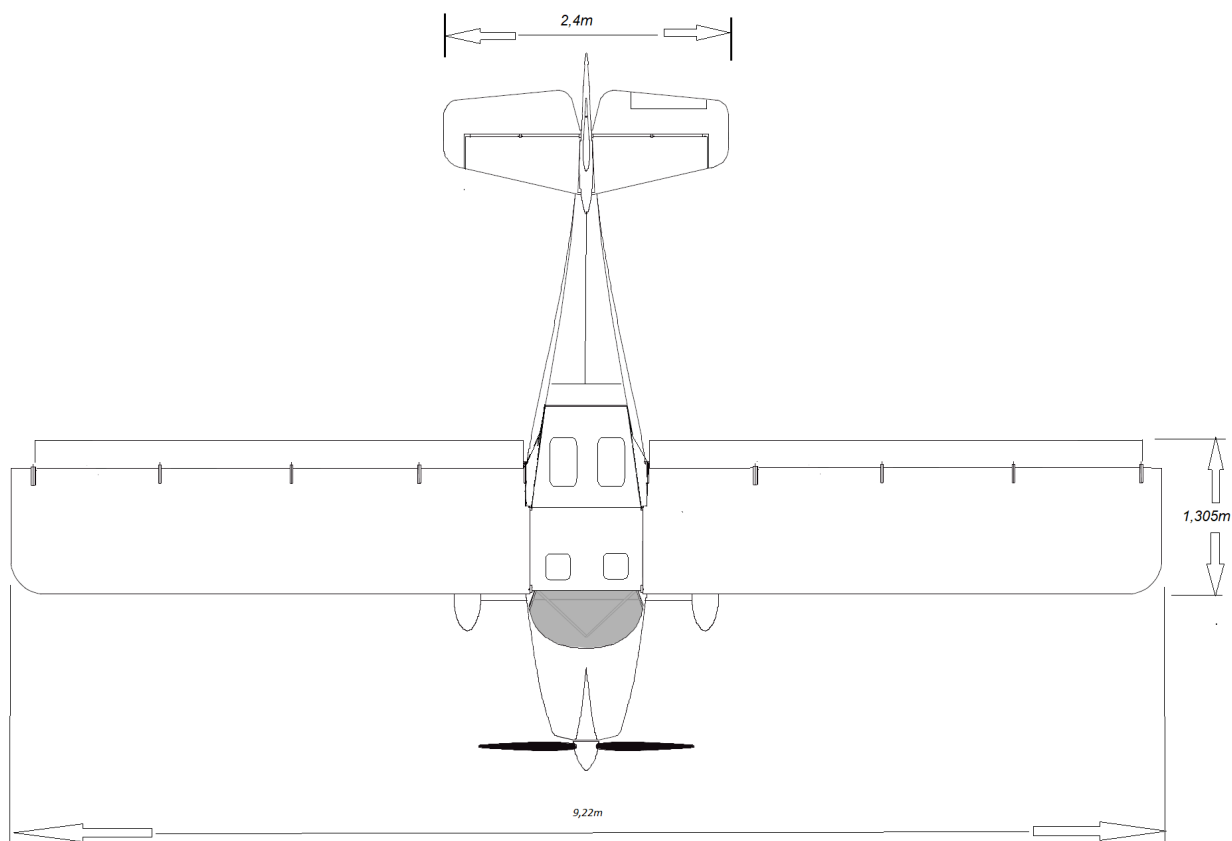


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