Specifications

Australian LightWing
Light Sport Aircraft

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CONFIGURATIONS

	SP2000	SP4000
Seats	2 Seats	4 Seats
Undercarriage	Nose or tail wheel	Nose or tail wheel
Wings	High or Low Wing	Low Wing
Power Plant	Rotax 912-s; Rotax 914	Lycombing 160hp; IO360 180hp
TBO (Time before overhaul)	2000 hours	Refer to manual
Optional Features	KIT or Fully Built	
	VIP Propeller	

PERFORMANCE

	SP2000		SP4000	
Take off 50' Object (Takeoff roll to clear 50ft {15.25m} @ ISA Conditions)	500 m	1,500 ft	600 m	2,000 ft
Climb Rate	228 m/min	750 ft/min	304 m/min	1,000 ft/min
Stall Speed	40 knots		55 knots	
Cruise Speed	110 knots @ 5,300 rpm		155 knots	
Stall Speed	40 knots full flaps		55 knots full flaps	
Endurance / Range	5hrs/500nm@average cruise 100knots		6hrs/600nm @ average cruise 140knots	
Tanks	120 litres	31 gallons	180 litres	47 gallons
Fuel Consumption	17/25 litres p/hr	4/6 gallons p/hr	25/45 litres p/hr	6/11 gallons p/hr

WEIGHTS AND LOADING

	SP2000		SP4000	
Max Gross Weight	600 kgs	1322.77 lb	1,100 kgs	2,425 lb
Standard Empty Weight	398 kgs	877.4 lb	600 kgs	1,322 lb
Useful Load (Payload)	202 kgs	445.3 lb	500 kgs	1,102 lb
Usable Fuel Capacity	118 litres	31.7 gallons	178 litres	47 gallons
Full Fuel	120 litres	31 gallons	180 litres	47.5 gallons

AIRCRAFT DIMENSIONS

	SP2000		SP4000	
Wing Span	8 m	26'7"	8 m	26'7"
Wing cord	1.45 m	4'9"	1.45 m	4'9"
Wing Area	11.6 sq/m	124.8 sq/ft	11.6 sq/m	124.8 sq/ft
Aircraft Length	6.5 m	21'6"	6.5 m	21'6"
Cabin Width	1.15 m	3'10"	1.15 m	3'10"
Cabin Height	1.01 m	3'4"	1.01 m	3'4"
Cabin Length	2.25 m	7'5"	2.25 m	7'5"

INSTRUMENTS

- Air Speed Indicator
- Altimeter
- Altitude
- Amps
- Fuel Gauge - 1 & 2
- Hour Meter
- Manifold Pressure
- Oil Pressure
- Oil Temperature
- Radio & Intercom:
- - VHF Standard X Com
- *-> Optional:*
- - *MicroAir Transponder*
- - *UHF Interface*
- Taco
- Vertical Speed
- Volts
- Water Temp

REGISTRATION & LICENSE

	RA-Aus (Recreational Aviation)		GA (General Aviation) CASA		
	Registration	*RA-Aus License*	*Registration*	*PPL (Private Pilot's License)*	*RPL (Recreational Pilot License)*
SP2000	✓ 24 or LSA 24	✓	✓	✓	✓
SP2000 - KIT	✓ 19	✓	✓	✓	✓
SP2000 - VIP	✓ E24 or LSA-E 24	✓	✓	✓	✓
SP4000	X	X	✓	✓	✓ *
SP4000 - KIT	X	X	✓	✓	✓ *
SP4000 - VIP	X	X	✓	✓	✓ *
SP6000	X	X	✓	✓	✓
					* With Limitations

Factory installed options refers to any/all options available on the Aircraft Order Form appropriate for the model ordered. Actual Pay Load (Useful Load) will vary depending on options installed on the aircraft. Always consult specific aircraft weight and balance data for flight planning. The pictures contained on our website & brochure of specific models and other products may contain optional equipment or non-standard features, which may be at an additional cost. Prices are subject to change without notice. Effective 23.06.15

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