



SKYLEADER500



Aimed at recreational flying, basic/intermediate pilot training & special operations e.g. glider towing

- » Developed from the successful SKYLEADER 200 and earlier Kappa KP-5 models;
- » Hundreds sold worldwide since 1996
- » Great flight characteristics;
- » Proven aircraft capable of comfortable touring, mountain flying & handling grass strips.

Timeless design & quality materials

- » Two seat 'wide-body' aircraft;
- » Trapezoidal low wing;
- » Robust tricycle landing gear (trailing link design, self-damping rubber springs, steerable nose wheel).

Low operational costs

- » Easy repairs & maintenance;
- » Fuel efficient engine;
- » All-metal (corrosion-proofed).



Pure satisfaction.

Customised to owner's requirements

- » Retractable or fixed landing gear;
- » Fowler flaps or slotted flaps;
- » Choice of four different Rotax 4-stroke engines;
- » In-flight or ground-adjustable propeller;
- » Strobes & other lights;
- » Ballistic parachute rescue system;
- » 'Glass cockpit' EFIS, EMS & GPS or 'steam' gauges;
- » VHF radio/Intercom, ELT & transponder.

It may be registered in New Zealand either as an LSA or as a Class 2 Microlight.

PROFILE : SKYLEADER 500

CATEGORY	<i>In NZ Microlight or Light Sport Aircraft (LSA) 580 kg MTOW</i>
LOOK	<i>Classic 'wide-body' design with robust all-metal construction</i>
TYPICAL OWNERS	<i>Flight schools, aero clubs, private owners, businesses</i>
POSSIBLE END USES	<i>PPL & CPL pilot training, cross-country trips, towing</i>

***Rugged.
Durable.
Affordable.***



For full information & pricing, contact your friendly Kiwi SKYLEADER dealer :

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skyfreedom
AVIATION

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PRODUCT OVERVIEW



SKYLEADER500

Speeds

Never exceed speed (VNE)	260 km/h (140 knots)	Manoeuvring speed (VA)	156 km/h (84 knots)
Max. horizontal speed (VH)	230 km/h (124 kts)	Min. speed - no flaps (Vs1)	67 km/h (36 knots)
Max. cruise speed (Vc)	216 km/h (117 kts)	Min. speed with flaps (Vso)	52 km/h (28 knots)

Climb & Descend

Take-off ground run	100 m (330 ft)	Rate of climb (dual)	4.6 m/s (900 fpm)
Landing roll	100 m (330 ft)		

Fuel & Endurance (with additional tanks)

Fuel capacity (useable)	90 litre (20 imp. gal)	Type	MoGas (91 UL) or AvGas (100 LL)
Endurance	5.6 hr (+ 30 min reserve)	Range	1195 km (645 nm)

Engine & Propeller

Engine type	Rotax® 912/914 4-stroke	Maximum power	81-115 HP
TBO	2000 hours	2 or 3-blade Propeller	ground or in-flight adjust

Weight

Max. take-off weight	580 kg (1279 lb)	CAA category (NZ)	Microlight or LSA
Basic empty weight	311 kg (686 lb)	Load factor (certified)	> +4 / -2G

Dimensions

Wing span	9.9 m (32 ft 6 in)	Overall length	7.0 m (23 ft 8 in)
Wing area	11.9 m ² (128 sq. ft)	Overall height	2.6 m (7 ft 3 in)
Aspect ratio	7.8 : 1	Cabin interior width	1.18 m (3ft 10 in)

Warranty 2 years / 200 hours (whichever comes first)

Avionics Options VHF radio Intercom EFIS + EMS 'glass' cockpit GPS Transponder

Safety Options GRS parachute ELT Stobes Position lights Landing lights



A desirable basic or intermediate trainer.

SPECS + PERFORMANCE



SAFETY PRESTIGE PLEASURE

SKYLEADER aircraft are proudly made by JIHLAVAN airplanes.

Based in in Jihlava (Czech Republic), JIHLAVAN airplanes has a long track record in aeronautical research, design and commercial manufacture. They released their first microlight, the all-metal Kappa KP-2U Rapid, in 1996.

Starting from this successful design, they have evolved a sophisticated range of microlights and light sport aircraft which are flown in Europe, South Africa, USA, South America, Asia, Middle East and Australia.

JIHLAVAN airplanes are approved to produce LSA aircraft under the rigorous ASTM International Standard.