



## 2002 SPECIFICATION

<b>AX2000 HKS</b> - £19,000 inc VAT	<b>AX2000 582</b> - £18,750 inc VAT
<b>AX2000 503</b> - £16,750 inc VAT	<b>AX2000 Basic</b> - £14,500 inc VAT
<b>PERFORMANCE ● RELIABILITY ● ECONOMY ● QUIETNESS</b>	

**GENERAL DESCRIPTION** the AX2000 is a superb aircraft for touring or rough field training. It has a huge carrying capacity for any class of 2 seat aircraft, giving for instance, 8 hours range for two 86 kg occupants with 30 kg baggage capacity. In competition the aircraft has shown its capabilities by performing well in World Championships and Round Britain Rally. Chosen by top training schools for the aircraft's rugged construction and classic handling.

The **AX2000 HKS** with the HKS700E engine is the aircraft the market waited so long for: The UK's standard for 3 axis microlight training aircraft is now available with the superb Japanese 60hp 2 cylinder 4 stroke HKS engine. Vastly improved fuel consumption is offered – about 65% of a Rotax 582 for example. Further savings are provided by the absence of expensive 2 stroke oils, low maintenance costs with oil & filter change every 50 hours and a 500 hour TBO. HKS are well-known in Japan for racing engines and performance motor parts.

The **AX2000 582** with the new robust Rotax 582 electric start engine is the top of the range 2 stroke AX2000 offering the ultimate in 2 stroke 3 axis performance, reliability and economy and is designed for those who demand the very best in value for money.

### AX2000 DATA

	582	HKS	503		582	HKS	503
Max level speed	80mph	75mph	75mph	Fuel cons @ 60mph	13 lph	10 lph	14 lph
VNE	90mph	90mph	90mph	Max pilot/pass weight	180kgs	180kgs	180kgs
Trim Speed range	40-90	40-90	40-90	Min pilot weight	55kgs	55kgs	55kgs
Climb rate @ MTOW	650 fpm	500 fpm	370 fpm	Climb rate @ 55kgs	1000fpm	800fpm	600fpm
Stall speed @ MTOW	36mph	36 mph	36 mph	Max RPM	6500	6200	6500
Take off to 15m, MTOW	221m	260m	325m	Landing dist from 15m	220m	220m	220m
Ultimate strength	+6g, -3g	+6g, -3g	+6g, -3g	RPM @ 60mph	5200	5400	5400
Manoeuvre loads	+4g, -0g	+4g, -0g	+4g, -0g	MTOW	450kg	450kg	450kg

	HKS	582	503	Basic 503
<b>INSTRUMENTS:</b> 80mm VSI, Alt & ASI, Compass, Fuel pressure gauge, slip ball. Battery Supply Monitor & EIS engine monitor giving 2 x EGT, 2 x CHT, Oil Pressure, Oil Temperature, Hour meter, RPM and warning lamp.	•			
<b>INSTRUMENTS:</b> 80mm VSI, Alt & ASI, Water temperature gauge, Compass, Fuel pressure gauge, slip ball, Dual EGT, RPM		•		
<b>INSTRUMENTS:</b> 80mm VSI, Alt & ASI, Dual CHT, Compass, Fuel pressure gauge, slip ball, Dual EGT, RPM			•	
<b>INSTRUMENTS:</b> 80mm Alt, 80mm ASI, Dual CHT, Compass, slip ball, Dual EGT, RPM				•
<b>ELECTRIC START:</b> sit back and push the button	•	•		
<b>IN FLIGHT TRIM SYSTEM:</b> trimmable speed range of 40-90mph	•	•	•	
<b>PROPELLER:</b> Arplast Eco composite – 3 blade 582 & 503, 2 blade HKS	•	•	•	•
<b>COCKPIT:</b> Full Pod/Screen/Dash Panel	•	•	•	•
<b>TANK:</b> 32 litres in one polyethelene tank mounted behind passenger seat				•
<b>TANK:</b> 64 litres in two polyethelene tanks mounted behind seats	•	•	•	
<b>FUEL SYSTEM:</b> Twin Mikuni vacuum fuel pumps, in line nylon fuel filter			•	•
<b>FUEL SYSTEM:</b> Mikuni vacuum fuel pump, + facet electric fuel pump, in line nylon fuel filter	•	•		
<b>SEAT &amp; CUSHIONS:</b> Comfortable sling seats with foam padded bases	•	•	•	•
<b>ENGINE CONTROLS:</b> Seat-mounted Choke & dual Hand Throttle levers, seat-mounted dual contact switches with waterproof covers	•	•	•	•
<b>BRAKES:</b> dual rear wheel drum brakes	•	•	•	
<b>REAR ENCLOSURE:</b> lightweight enclosure for cockpit rear and fuel tanks	•	•	•	
<b>DOORS:</b> Polycarbonate cockpit doors for pilot and passenger.	•	•	•	
<b>COVERS:</b> Ultralam at extra price for Basic. Dacron at reduced price for other models	- £400	- £400	- £400	+ £350
<b>SAIL COLOURS:</b> Non-standard sail cover colours extra to standard aircraft price	£290	£290	£290	£290
<b>COCKPIT POD:</b> Non-standard cockpit pod & panel colours extra to standard aircraft price	£290	£290	£290	£290

Prices do not include permit and documents at £115, or registration fees at £50 standard or £200 personalised.

**ELM TREE PARK, MANTON, MARLBOROUGH, WILTSHIRE SN8 1PS, UK**

**Tel: +44 (0)1672 861578 Fax: +44 (0)1672 861550 email: [info@pegasusaviation.co.uk](mailto:info@pegasusaviation.co.uk)**

**website: [www.pegasusaviation.co.uk](http://www.pegasusaviation.co.uk)**

All prices are ex-works and include VAT except where stated. Goods sold subject to Pegasus Aviation Current Terms and Conditions.

Price list valid 15 Feb 2002 & supersedes all previous price lists. Prices and specifications may change without notice. Errors & Omissions excepted  
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