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Specification Sheet August 8-05

Model	Description
Hov Pod ACX 52	Three person leisure version with Rotax (503) 52 HP Engine
Hov Pod ACX 65	Three person leisure version with Rotax (582) 65 HP Engine
Hov Pod PRC 65	Patrol, Rescue or Commercial with Rotax (582) 65 HP Engine (Special Hull Colour)

Standard Hov Pod Dimensions, Operation, Construction & Performance		
Dimensions	Length 3.63m, Width 1.86m, Height 1.49m Length 11.9 feet, Width 6.1 feet, Height 4.89 feet	Large enough for three adults, or one adult and three small children. Easy to control and manoeuvre. Small enough to tow easily.
Trailer (Option)	Fully galvanized construction with 4-coated rollers, winch and front and rear location stops.	Fast 1-minute unload/reload. Operated by one person with no need for lifting.
Hover Height	0.25m 9 inches	Able to clear many obstacles.
Speed (On Water)	40 to 45 mph 64 km/h, (Cruise speed 20mph - 35 km/h)	Extreme fun
Operating Conditions	Inshore water – recommended up to Force 4 Beaufort Wind Scale. Tested in up to Force 7 conditions.	Very stable craft with low centre of gravity, with full floatation for safety.
Fuel Tank	Portable 25 Litre, 6.6 US Gallons (Optional spare tanks to extend range)	Quick and easy lift out and replace. Fully ventilated for safety.
Consumption	15 - 20 Litre/Hour, (Cruise 10 - 15 Litre/Hour)	Excellent fuel economy
Unladen Weight	250Kg	Easy to transport. Very rigid and durable construction.
Max Payload	On water starts 250Kg (52hp) or 310Kg (65hp) 400kg+ or 880 pounds on land (65HP for commercial applications)	Can take three adults, or one adult and three children up to max payload.
Power	Rotax® 52 HP 503 Engine or Rotax® 65 HP 582 Two Cylinder 2-Stroke Micro-lite Engine with dual electronic ignition system and twin carbs. Proven in 1000's of hour's use and testing in harsh saltwater conditions in Africa, Caribbean and Middle east.	Simple design giving high reliability & great ease of servicing Proven microlite aero engine technology Enclosed rear mounted single engine system Air cooled (503) or water cooled (582) Minimal electrics and electronics. Simple twin carburetor design
Noise Reduction	AMNR System (Air Management Noise Reduction)	Combination of large duct with unrestricted airflow and fan blade adjustment ensures maximum airflow to reduce excessive engine revs and fan blade speed. Low Noise levels
Noise Reduction	Aluminised exhaust with after muffler, Rotax noise reduction package supplied.	Low noise levels. Maximum corrosion protection at high heat levels.
Air Filter and Intake Silencer	Rotax supplied air intake system, part of the Rotax noise reduction package supplied.	Low noise levels.
Drive Arrangement	Engine Position: Floor mounted Rotax engine Drive: High strength Gates® Powergrip belt Propulsion: 1m duct with Multi-Wing® 5Z blades	Low center of gravity. Great stability and ease of control. High efficiency, low RPM drive system. Low noise levels.

Dimensions, Operation, Construction & Performance		
Starting	Manual pull start	Dual electronic ignition system makes starting easy
	Optional (extra) Console operated electric start	Easy to start
Battery	Fully sealed 45 amp-hour battery, isolated from fuel storage.	High power for repeated starting. No dangerous acid or inflammable gas leakage.
Circuit protection	Marine grade ETA® circuit breakers	Quick and easy circuit re-set. No need to carry spare fuses.
Charge System	No Load 12V Rectified	Additional 12V electrical items can be fitted
Electrical Connections	IP 67 sealed snap connectors. IP 67 sealed termination boxes.	IP 67 Rating gives protection against water ingress. Quick service access & Inspection
Hull Materials	Reinforced GRP quadraxial mat and isothalic resin with enclosed sandwich-reinforcing core.	Developed for aerospace use. A material of choice for high-performance boats. Load points fully reinforced. Rigid construction. Quality built for long-term marine use. Lightweight high strength quadraxial mat means the craft has much enhanced strength and impact resistance than lighter or similar weight craft.

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Skirt	65 separate reinforced Hypalon / nylon segments, 200 gsm. Optional upgrade to thicker 375 gsm available for commercial applications.	Impact absorbing air cushion. Accidental damage limited to separate segments. Continued operation with damaged segments. Quick replacement independent segments. Hypalon/Nylon is the best available material as used in all RIB's. UV and salt water resistant
Storage	Large under seat drop-in tray.	Handy storage for food drinks and ice. Storage for equipment.
	Sealed front storage pocket.	Quick & easy access for essential items such as mobile phone or portable GPS meter.
	Forward under seat storage compartment.	Storage for bulky items and safety gear.
Side Impact Protection	Rubber protection bumper strip	Protection from minor scratches and knocks. No exposed GRP.
	Hidden aluminium impact plate.	Aluminium plate absorbs impact. Damage impact transferred by aluminium strip to thickest hull section.
Hull Protection	Enclosed double skin with reinforced foam sandwich buoyancy core.	Thick impact protection, far safer than single skin construction. Rigid, solid hull construction.
Hull Protection	Twin longitudinal aluminium skids, Kevlar® wear patches, aluminium impact and wear plates.	Absorbs and transmits impacts. Prolongs life of hull. Easy replacement of wear edges.
Seat	Deep padded upholstered inline seating (optional)	Very comfortable ride.
Engine covers	Two stage cover with 90° latch system	Fast removal for inspection and easy access for service work. Excellent water ingress protection to engine bay. Noise containing design.
Buoyancy	Positive enclosed polystyrene chambers with reinforced foam sandwich buoyancy core floor.	Side & floor buoyancy for maximum stability when stopped. Fully approved & independently tested by government agencies.
Driver Controls	Handlebar steering with ProGrip® twist grip throttle.	Uniquely simple instinctive operation and ease of use. Can be trained to operate in minutes
Steering	Stainless Steel Teleflex® marine cable 316 high chromium marine grade linkages 35° full flow balanced twin rudders	Non-corroding for reliability & ease of service. Stylish marine standard polished finish. Fingertip lightweight control. No need for excessive body movement to steer craft (unlike competitor craft)
Driver Controls	Engine kill safety lanyard	Safety engine stop.
Safety	Hydro-Turf™ Non slip footwell mats	For driver and passenger safety.
Fit for purpose	Stainless steel towing hook	For strength and non-corrosion in salt-water environments.
Driver Controls	Adjustable mirrors	For safety on take-off.
Driver Controls	Tachometer, CHT & EGT gauges (Optional)	Full engine information & monitoring.
Comfort	Latch operated drain plugs	Fast operation for easy drainage.
Safety	Hull cleats	For ease of mooring and handling.
Comfort	Passenger grab handles	For comfort and safety.
Safety	Rear and front guard	For protection of craft and passengers.
Safety	IAPSS air feed system	Confidence and ease of use. Craft designed to prevent plough in. No need for additional craft controls to prevent digging in.
Maintenance	Full manual	Comprehensive & detailed manual.

Options - for further information and other options please visit www.hovpod.com

Colours



Cover for storage



Spare Parts



Upholstery and Gauges



Trailer

