

AIRLIFT

H O V E R C R A F T

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- KAIMAN -



- DESCRIPTION -

The Kaiman design represents the latest advances in small amphibious hovercraft. The design is leading edge technology and incorporates the latest commercially available and appropriate high technology materials and manufacturing techniques for advanced performance. It is easily operated and maintained by its owners. The Kaiman is designed primarily for Military and Industrial applications and as such it is a high performance yet simple design easily operated and maintained with a minimum of crew training. The Kaiman is designed to operate in a wide variety of climatic conditions ranging from the hottest tropics to the extreme cold of the polar arctic regions.

- COMMERCIAL HOVERCRAFT -

- Quiet, large diameter thrust propeller with low tip speed.
- Safe, guarded propellers, watertight compartments, fire zoning.
- Exceptional payload capacity in its class, unbeatable earning capability.
- Bag and finger skirt combination for high obstacle clearance with stability.
- Economical 4 stroke engines. No polluting oil mixes.
- Simple and effective mechanical equipment, easy maintenance.
- Road transportable, load and go without wide load permits.

- KAIMAN -

The Kaiman has an exceptionally good payload to size ratio allowing good load capability and remaining easily transportable. It can fit within a 20' shipping container and is easily transported and launched from a special quick launch trailer. The Kaiman is built to a very high standard and is capable of gaining classification with most survey societies.

Dimensions	When Hovering	For Transporting
Length	7 078 mm	6 556 mm
Width	2 726 mm	2 411 mm
Height	2 234 mm	1 950 mm
Cockpit Length	3 150 mm	
Cockpit Width	1 650 mm	
Cushion Height	350 mm Front, 320 mm Rear	
Isolated Obstacle Clearance	250 mm	
Wave Height Clearance	700 mm At a pitch of 10 metres or more	
Maximum Recommended Speed (For Safety)	100 km/hr (54 knots) on smooth ice 55 km/hr (30 Knots) on smooth water 28 km/hr (15 Knots) on smooth land	
Economical Cruising Speed	37 to 46 Knots on smooth water	
Max Wind Speed (Heavy)	37 km/hr gusting to 46 km/hr (12 Knots gusting to 18 Knots)	
Seating	Total = 1 crew plus 7 passengers	
Minimum Operating Weight	930 kg as equipped for passenger transit with safety equipment	
Payload	850 kg+	
Overload Payload	Up to 1000 kg (reduced performance and good conditions)	
Engine	Subaru EJ25 DOHC EFI at 135 kW (180hp)	
Fuel Capacity	100 Litres	
Hull Construction	Infusion moulded using non-woven E-glass fabrics and Divinycell® PVC foam core. Urethane landing pads for hull protection	

