

Rescue & military light hovercraft

● Search & Rescue



HOVERCRAFT

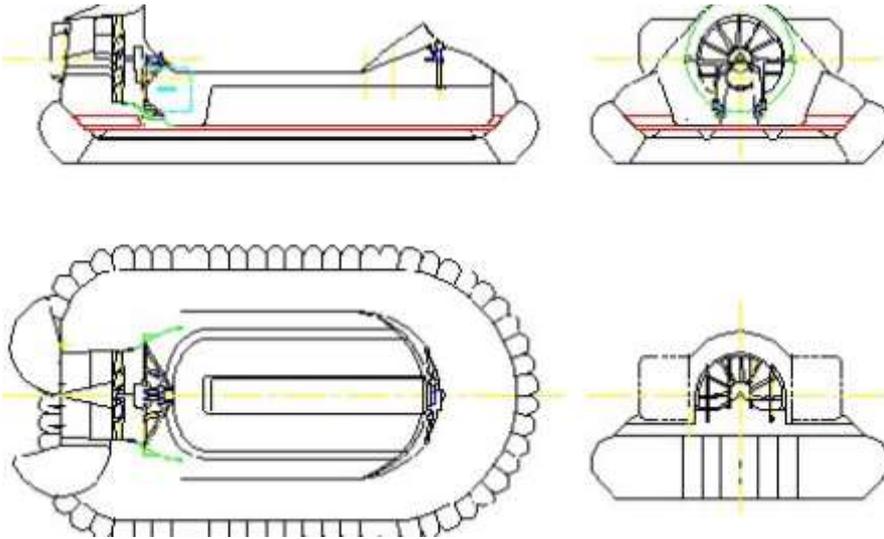
First responders worldwide have recognised that the hovercraft is the only rescue vehicle able to perform fast, safe rescue operations on swift water, thin or broken ice, flood waters and snow. Because it safely hovers 9 inches above the terrain, a hovercraft keeps the rescue team above the danger – not in it – and gives rescuers access to areas a boat or helicopter cannot reach.

PERFORMANCE

Payload	4 persons, 600 lb (272 kg) average. 750 lb (340 kg) max. Overload 7 persons, 1200lb (546 kg).
Forward Speed	35 mph (56 km/hr) maximum recommended cruise. 30-45 mph (48 to 72 km/hr) mudflat, beach. 45 mph (72 km/hr) calm water. 30-40 mph (48 to 64 km/hr) land, short grass. 40-50 mph (64-80 km/hr) smooth ice. 30-45 mph (48-72 km/hr) firm snow.
Reverse Speed	25 mph (40 km/hr) calm water.
Hump	6 sec. to reach 5 mph (9.7 km/hr) over calm water, with 400 lb (181 kg) payload.
Consumption	3.5 US gal/hr (13.3 l/hr) at cruising power.
Range-Endurance	120 miles (193 km), 3.4 hours on single tank.
Static Thrust	140 lbs (64 kg) 55 hp engine 160 lbs (73 kg) 65 hp engine



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PHYSICAL

Length	13 ft 8 in (4166 mm) on cushion, 12 ft (3658mm) off cushion.
Width	8 ft 4 in (2540 mm) on cushion, 6 ft 8 in (2032 mm) off cushion.
Height	4 ft 5 in (1346 mm) on cushion, 3 ft 9 in (1143 mm) off cushion.
Hoverheight	8 in (203 mm) hard structure clearance at 6000 rpm.
Weight	470 lb +/- 15 lbs (217 kg +/- 7 kg) Standard configuration. 510 lb +/- 15 lb (232 kg +/- 7 kg) With all options except cabin.
Noise	83dB(A), SAE Standard J192a.
Fuel Capacity-Type	3 US gal (49 l) single Aluminum Tank, EPA compliant. Premium unleaded gasoline, 40:l gas/2 cycle oil mix

LIMITING CONDITIONS

Wind	25 mph (39 km/hr) over hard surfaces, Beaufort force 5.
Sea State	Waves 2 ft (610 mm) chop, otherwise WMO Code 3.
Temperature	-30° F to +110° F (-34° C +43° C).
Slope-Gradient	1 in 6 (16.7%), standing start, smooth surface, 400 lb (181 kg) payload, 65 HP engine.
Surface Type	Useful for transportation on salt or fresh water of any depth, sand, mud, grass, swamp, flat desert, ice, and snow.

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