

12-METER NAIAD RIGID HULL INFLATABLE BOAT (RHIB)



Adaptable to Offshore, Coastal, and Inland Maritime Environments

The NAIAD 11.8 meter Rigid Hull Inflatable Boat (RHIB) is a hull concept designed by NAIAD Inflatables Ltd. of New Zealand and licensed for manufacture by Textron Marine & Land. Its rugged aluminum construction, combined with a cutting-edge hull form and lightweight drive train, enable superior performance at speeds up to and greater than 45 knots in the harshest operating conditions - both in offshore and inland waterways.

Designed for coastal, riverine, and special operations, the RHIB's generous forward deck space allows for flexible modular configuration tailored to a wide spectrum of missions, from combat patrolling to interdiction operations. It is equipped with Hamilton waterjets powered by twin Cummins 600-horsepower diesel engines. The propulsion system is further enhanced by HJ's state-of-the-art blue ARROW™ waterjet control system for precision slow-speed handling and docking.

The boat also features Shockwave Marine Suspension seats that offer a smooth and powerful ride without crew fatigue over long-range patrols and operations, even in rough seas. In addition to military and Coast Guard / Homeland Security applications, the Naval Surface Warfare Center Combatant Craft Division (NSWC-CCD) currently operates this platform for the Office of Naval Research (ONR) to perform mission module testing for various surface and undersea warfare applications.

NAIAD 12-METER CRAFT SPECIFICATIONS



General

Length	11.8 m (38.7ft)
Beam	3.6 m (12ft)
Navigational Clearance	3.0 m (10 ft)
Draft to Keel (full load-static)	0.76 m (2.5 ft)
Displacement (full load-notional)	9350 kg (22,000 lb)
Load Capacity	200 kg (4400 lb)
Fuel Capacity	950 L (250 gal)

Engine

Manufacturer	Cummins
Model	QSC8.3
Quantity	2
Brake Horsepower (per engine)	600 hp (450 KW)

Waterjet

Manufacturer	RR-KaMeWa
Model	FF280

Electrical System

12/24 VDC, ungrounded

Batteries

Type	990 CCa
Capacity	155
Reserve Capacity	6

Performance

Max Speed (normal conditions)	54+ knots
Cruise Speed (full load)	30 knots
Cruising Speed (full load)	250 nm
Construction	Aluminum 5086
Operational Sea State	2.4 m (8 ft)
Survivable Sea State	3.6 m (12 ft)

Armament (notional)

Fwd Mount Weapon(s)	MSGI MK-16 MOD2 Weapons Stand .50 caliber machine gun or GAU-17/A mini-gun
Aft Stbd / Port Mounts Weapon(s)	MSGI MK-16 MOD2 Weapons Stand M60 7.62mm machine or 40mm grenade launcher
Crew	2
Passengers	12

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