

Hamilton Jet Model HJ322
 Application Review

Nassau Police Choose Hamilton Jets for New Patrol Craft



The shallow bays on the South Shore of Nassau County are now clean sailing for the Nassau County Police Department of New York with its two new Hamilton Jet powered high speed patrol boats 'Marine 5' and 'Marine 6'.

Kvichak Marine of Seattle built both of the 11.6 metre aluminium police vessels. They replace older fibreglass boats, with aluminium chosen to improve the hulls' durability and reduce overall maintenance costs.

Twin Hamilton HJ322 Waterjets were chosen for propulsion for a number of reasons. The shallow draft capability of the jets, along with the extra manoeuvrability, decrease the risk of grounding and associated maintenance/repair costs. The jets also provide added safety when

rescuing people from the water or during underwater search and recovery operations.

Since their launch the two vessels have been on patrol every day. Duties have included towing disabled boats, putting out fires, MOB rescues, enforcing marine laws and arresting a pickpocket from a gambling boat. Operators report the boats are versatile, durable and up to any task that comes along.

In June 2001 the boats were dedicated to two New York Police Officers killed in the line of duty in the 1970s.

▶ Brief Specifications

NAME: Marine 5; Marine 6	WATERJETS: Twin Hamilton Model HJ322
SERVICE: Police Patrol Boat	ENGINES: Twin Caterpillar diesels Model 3126-DITA, each 314kW (420hp) @ 2800rpm
LENGTH: 11.58 metres [LOA]	GEARBOXES: Twin Disc MG507-1 reversing
BEAM: 4.09 metres	BUILDER: Kvichak Marine, Seattle, WA, USA
CONSTRUCTION: Aluminium	OWNER/OPERATOR: Nassau County Police Department, New York, USA
DISPLACEMENT: 12.25 tonnes	Hamilton Jet DISTRIBUTOR: Hamilton Jet Inc, Seattle, WA, USA
FUEL CAPACITY: 950 litres	
SPEED: 30 knots [max] 26 knots [cruise]	

