



RiverHawk Fast Sea Frames

SERVICE:	Coastal Patrol
LOCATION:	Florida, USA
LENGTH:	43.50 metres [LOA]
BEAM:	8.50 metres
DRAUGHT:	2.00 metres
CONSTRUCTION:	FRP
DISPLACEMENT:	265 tonnes
SPEED:	28+ knots
CAPABILITIES:	6-22 crew. 2500+ nm range
WATERJETS:	Twin HamiltonJet Model HT1000
ENGINES:	Twin MTU 20V 4000 M93L diesels - 4300kW (5766hp) @ 2100rpm
GEARBOXES:	ZF 23560C 2.839:1
DESIGNER/BUILDER:	RiverHawk Fast Sea Frames, Tampa, FL, USA
OWNER/OPERATOR:	Lebanese Navy, Lebanon
HJ DISTRIBUTOR:	HamiltonJet Americas, Woodinville, WA, USA & Motor Services, Fort Lauderdale, FL, USA

MANOEUVRABILITY

RELIABILITY

HIGH SPEED EFFICIENCY

RiverHawk's AMP 145 is configurable for a diverse range of mission requirements - hence the "Advanced Multimission Platform" designation. Its FRP composite construction is strong and light, traits further enhanced by the durability and high speed efficiency provided by twin HT1000 waterjets. The AMP145 can patrol for 5-7 days in conditions up to seastate 4 with a compliment of 6-22 crew onboard.

No. 449



This first-of-class offshore patrol vessel incorporates an array of electronic systems for all aspects of vessel function and mission requirements. The twin HT1000 waterjets, MTU engines and ZF gearboxes are controlled through HamiltonJet's MECS electronic control system which incorporates a Hand Held Remote control unit. The systems also links to the vessel's Autopilot and Voyage Data Recorder.

At full power the HT1000 waterjets are capable of pumping over 9.5 tonnes of water (9.3m^3) per second, providing rapid acceleration as well as maintaining power through tight high-speed turns.

