



SAGARIS

HIGH-SPEED HYDROFOIL BOAT PROJECT 03150

BASIC FUNCTIONS

- performance of patrol and police functions,
- delivery of special groups to the disaster and evacuation zones;
- monitoring of vessels' compliance of the established navigation mode at inland waterways, in ports and in coastal areas of the seas;
- used as a medical ambulance boat in hard-to-reach areas;
- used as a pleasure boat for extreme river and sea walks.

SEAKEEPING

The boat is designed for operation in coastal marine and inland water basins:

- $h_{w1\%}$ — up to 0.1 m in the foilborne mode at a speed of 110 km/h;
- $h_{w1\%}$ — up to 0.5 m in the foilborne mode at a speed of 70 km/h;

MAIN ENGINES

Type: MERCURY RACING (USA)

Total power max: 1 x 520 hp

Cruise fuel consumption: 70 l/h

Propulsion device: stern drive MERCURY BRAVO III (USA)



TECHNICAL SPECIFICATIONS

Length overall, m	10.5
Beam overall, m	2.7
Depth overall, m	2.6
Draft, m	
in foilborne mode at speed 65 / 110 km/h	0.58 / 0.45
overall in hullborne mode	1.12
Displacement full / light-ship weight, t	4,17 / 3,24
Speed, km/h	up to 110
Passengers	5
Crew	1
Cruise range, km	1000