



ALEXEYEV'S HIDROFOIL DESIGN BUREAU

**JSC ALEXEEV'S HYDROFOIL DESIGN BUREAU**

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**PROJECT A-005-514**

**EKRANOPLAN**

**BASIC FUNCTIONS**

High-speed passengers and cargo transportation, can be used as a transportation mean od special purposes, such as: administration operations, sanitary and ambulances, ecological control. Ekranoplane type "B".

**OPERATION REGION AND CONDITIONS**

Inland waterways class «R», air temperature from -40 to +40°C, wind speed no more than 10 m/s, the possibility of exploitation on snow and ice flush surface in cold weather.

**TECHNICAL SPECIFICATIONS**

Length / Beam / Depth overall, m	11.6 / 11.6 / 3.65
Draft overall, m	0.3
Full displacement, t	3.1
Passengers	8
Payload (cargo variant), t	0.9
Crew	1
Maximum speed, km/h	up to 165
Flight range at screen near, km	500
Seakeeping ( $h_{w3\%}$ ), m	
take off / landing	0.5
in flight	1.25
in drifting	0.75



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