

SH-750



DESCRIPTION

SH-750 is a rotary wing unmanned aerial vehicle, which possesses the higher features compared to its predecessors. The takeoff weight of the aircraft is 700 kg, the total payload is up to 300 kg, the course speed is 120 km/h and the maximum is 200 km/h. The larger power unit and more volumetric fuel tank made it possible to increase the flight duration of SH-750 up to 5 hours and raise the dynamic ceiling up to 4000 m. The helicopter can flight at a distance of up to 600 km.

ADVANTAGES

It is an overweight aircraft, which possesses the high load capacity and improved flight performance. The SH-750 has a high degree of resistance to the wind load and deicing system, which allows to use it in regions of severe climatic conditions. The new model is designed for implementing the cargo delivery projects, but the possibility of mounting the different equipment on the board makes it multi-purpose.

APPLICATION

- Monitoring of transport and power infrastructure facilities, industrial facilities, control over the environmental situation.
- Remote sensing of the earth and water surface.
- Geological survey.
- Ensuring the navigation safety, arrangement of icebreaking vessels piloting.
- Extinguishing of local natural and technogenic seats of fires.
- Environmental impact assessment on land and over the water surface including in severe climatic conditions.
- Transportation by air of various cargoes to remote infrastructure facilities.
- Prompt delivery of the necessary equipment to the place of emergency.
- Chemical treatment of fields and crops.
- Participation in rescue activities.

Features	Value
Maximum takeoff weight	750 kg
Empty UVA weight	400 kg
Payload weight	300 kg
Maximum fuel reserve	100 l
Cargo bin weight	50 kg
Maximum flight duration	up to 5 h
Average fuel consumption at course speed	20 l/h
Maximum flight speed	200 km/h
Flight course speed	120 km/h

