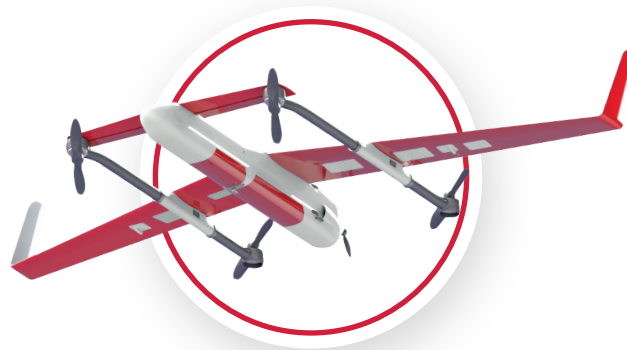


D-20K



DESCRIPTION

Modification D-20K with possibility of vertical takeoff and landing is designed to perform work on remote, extended facilities and objects having large-area. The maximum flight length of this aircraft achieves 800 km. The D-20K can lift into the air up to 3.5 kg of the payload such as different equipment for the earth remote sensing and monitoring missions.

ADVANTAGES

The unmanned aerial vehicle can perform takeoff and landing on an unprepared airfield of 7x7 m that significantly expands the possibilities for usage of it and ensures

the better safety of goods and payloads. The flight duration of up to 10 hours and the increased signal transmission range ensure reliable operation of the unmanned aircraft at a considerable distance from the take-off field.

APPLICATION

- Aerial photography operation.
- Photo and video monitoring.
- Thermal imaging and multispectral exposure.
- Aerial laser scanning.
- Delivery of medicines, samples, rescue aids and high-value commodities to remote facilities.

Features	Value
Maximum takeoff weight, at least	up to 29 kg
Wingspan	4 000 mm
Length	2 000 mm
Payload weight	3,5 kg
Maximum flight speed	144 km/h
Flight course speed	80-90 km/h
Maximum flight duration	11 h
Maximum flight length	800 km
Maximum flight altitude	4 000 m
Takeoff flight	Vertical
Landing flight	Vertical
Wind limit speed, no more	15 m/s
Ambient temperature range	- 30...+ 40°C

