



Aeromax

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Aeromax offers solutions in aerial photography, monitoring of extended and area objects, remote sensing of the earth, airborne laser scanning and actively participates in the formation of an unmanned air cargo market.

Benefits

Own fleet of unmanned aircraft and helicopter types, as well as payloads for any tasks. Own research and development centers and production sites for the development of unmanned aircraft

systems. Highly qualified specialists, including industry experts, UAV operators, software developers, design engineers, software engineers. Individual approach. Aeromax offers each client the optimal configuration of equipment and software for the most effective solution of the client's tasks. Turnkey solutions in the field of unmanned aviation for various sectors of the economy.

Products

Photo: SH-450

Maximum takeoff weight - 450 kg
Capacity - 100 kg
Flight range - 550 km
Longest flight time - 6 hours

Photo: SH-750

Maximum takeoff weight - 700 kg
Capacity - 300 kg
Flight range - 600 km
Longest flight time - 5 hours

Photo: D-20

With the ability to fly up to 1,000 km and autonomy up to 14 hours

Photo: D-20K

D-20 version with vertical takeoff and landing capability

Applications

Innovative technologies using unmanned aerial systems (UAS) make it possible to successfully solve industry tasks in a variety of economic spheres. Oil and gas sector. Monitoring of the linear part of trunk pipelines to identify leaks, irregularities and potentially dangerous situations. Power Grid Complex. Regular monitoring of power lines with unmanned aerial systems, automated data processing, detection of defects. Land mapping, crop monitoring, crop and work quality control, crop processing with UAS. Construction. Regular aerial surveys of construction work areas with orthophotomap and 3D-modeling. Collection of up-to-date data for cadastral registration, map-making, geoportal development, creation of measurable three-dimensional models. Urban and regional infrastructure. Monitoring of critical infrastructure processes for the purpose of timely recording of deviations from the norm or progress. Environmental Protection. Monitoring for the purpose of compliance with environmental legislation and environmental protection. freight delivery. Cargo delivery to hard-to-reach areas using BAS.

Implemented projects

Delivery of Russian Post shipments to hard-to-reach areas. In November 2021, in the Yamalo-Nenets Autonomous District, Aeromax, together with Russian Post, was the first Russian developer to demonstrate the capability of delivering cargo by helicopter drones to remote and hard-to-reach areas. Tests of a functional service for delivering medical cargo. Under the program of experimental legal regime in the Tomsk region there were tests of medical cargo delivery by drones to hard-to-reach areas. Delivery of cargoes to remote fields. Together with Gazpromneft-Snabzheniye in Khanty-Mansiysk autonomous district the flights of unmanned helicopters were conducted at the Yuzhno-Priobskoye field. In the territory of Bashkiria in the interests of "Bashkirenergo" aerial survey and inspection of 35 kV overhead lines and 110 kV overhead lines with a total length of more than 2200 km were performed. Monitoring of machine rooms of power plants with the help of BAS. In the interests of Inter RAO, Aeromax quadcopters monitor power plant equipment, promptly identify defects, deviations, and transmit the data obtained to operators. Determining the boundaries of agricultural land. Aerial survey of agricultural lands in Tyumen region was performed, field boundaries were defined, vector layer with boundaries of agricultural lands was created. Monitoring of over 100 construction projects of companies ("Leader Invest", "Etalon" GC and others) in Moscow and Moscow region. Fixation of construction dynamics, construction supervision, as well as formation of detailed photo- and video-reports and preparation of presentation materials for real estate buyers. Detection of violations of environmental legislation in St. Petersburg. Aerial survey of the territory of St. Petersburg was conducted in order to identify violations of environmental legislation.

Intends to become one of the market leaders in the Russian Federation over the next

5 years


on the provision of services through the ABC

Contacts



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