

UAVOS tests UVH-170 unmanned helicopter for automated cargo deliveries

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UAVOS recently flew a pair of test flights of its UVH-170 unmanned helicopter, simulating automated delivery flights to a destination and back along preselected pathways.

The pair of flights that took place between 10-16 April, one covering 50 km and another covering 100 km, lasted a total of 102 minutes. In a video provided by UAVOS, the aircraft used a 20 m rope to ferry a payload of 8 kg during one of the test flights.



UAVOS recently flew a pair of test flights of its UVH-170 unmanned rotorcraft. The petrol-powered aircraft has a 45 kg maximum takeoff weight (MTOW) and a maximum payload capacity of 10 kg. (UAVOS)

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Aliaksei Stratsilatau, UAVOS CEO and lead developer, told *Jane's* on 17 April that the flights, which took place in Belarus, did not require the aircraft to land, nor need a ground control station on the receiving side. The aircraft does not require any additional equipment for take-off or recovery.

The UVH-170 is designed for commercial applications and immediate air response and emergency relief operations conducted under demanding conditions and to tight timeframes. The petrol-powered aircraft has 45 kg maximum takeoff weight (MTOW) and a maximum payload capacity of 10 kg.

The UVH-170 flies at an altitude of less than 8,200 ft with a top speed of 64 kt. The aircraft has an average flight endurance of three hours carrying a 10 kg payload and a range of 350 km.

Comment

UAVOS has sold the UVH-170 to customers in Indonesia and Malaysia. The company is working on improving the aircraft's time-between-inspection (TBI) to 250 hours. UAVOS, in its next UVH-170 test, will attempt to carry out missions at a maximum flight ceiling of 8,200 ft.