ROSTEC TO CREATE VRT500 PROTOTYPE BY THE END OF 2019

News / Manufacturer

Russian Helicopters (part of Rostec State Corporation) will produce light utility helicopter prototype, VRT500, designed by VR-Technologies design bureau, by the end of 2019.

Helicopter rotor system strength tests are now underway. VR-Technologies' specialists are going to start aerodynamic tests in the nearest time.

The helicopter is expected to be supplied in the following configurations: passenger, utility, cargo, training, VIP, and Medevac. VRT500 will be the first Medevac helicopter in the world in the segment of helicopters with maximum take-off weight up to two tons to ensure loading and unloading of unified gurneys through the rear cabin doors, which simplifies the process and allows significantly reducing time.

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This helicopter combines high flight performance and a great price with operating costs, in addition to its spacious cabin, largest in its class. These characteristics shall allow VRT500 to occupy up to 15% of the global market of civil helicopters with maximum take-off weight up to 2 tons. We expect to produce and sell an average of 700 helicopters by 2030", Alexander Okhonko, VR-Technologies director general, said.

According to him, about 30% of supply would be destined to the countries of Latin America and the Caribbean and about 15% would be sent to North America, Asia-Pacific region, Europe, Russia and CIS.

VRT500 is a light single-engine helicopter with coaxial rotor scheme and 1600 kg take-off weight. This helicopter will feature the most spacious transport and cargo cabin in its class with a total capacity of up to 5 persons, and will be equipped with the state-of-the art glass cockpit avionics suite. With improved performance characteristics this helicopter will be capable of accelerating up to 230 km/h and will achieve a range of up to 1000 km and payload of up to 750 kg.

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