



**PoCTEX**

## **Rostec reveals mobile anti-drone system Sapsan-Bekas**

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*Press release*

**Avtomatika Concern (part of Rostec) has presented the Sapsan-Bekas mobile system for detecting and disabling unmanned aerial vehicles (UAVs) at the International Military-Technical Forum ARMY-2019. The system can detect an UAV at a distance of 10 km, track its movement and disable it at a distance of over 6 km by suppressing communications and control of the UAV. The design has much better tactical and technical characteristics compared to all similar Russian and foreign systems that are currently available.**

The device consists of three subsystems: signals detection and direction finding of drones, active radar, video and optoelectronic tracking, as well as a subsystem of radio suppression. Sapsan-Bekas is capable of round-the-clock monitoring of the airspace and recognizing airborne objects using video and thermal imaging tools.

“This new system by the Avomatika Concern will become a part of Rostec’s products intended for countering both civilian and military UAVs. Sapsan-Bekas is capable of countering UAVs both in manual and automatic modes in a wide frequency range — from 400 MHz to 6 GHz. The system is highly maneuverable since it is installed on an automobile chassis — this is a key requirement for various security agencies. Mobility is also important for civilian customers, since it allows you to quickly move the system from one facility to another”, said the Executive Director of Rostec, **Oleg Evtushenko**.

The UAV radio suppression subsystem used in the Sapsan-Bekas is called *Luch* (Russian: ray, beam), which will also be presented for the first time in ARMY-2019. It affects the drone’s channels of navigation, control and transmission of information, simultaneously blocking eleven wave frequency bands. The system works on the “friend or foe” principle and does not affect UAVs, information about which is entered into the system’s database in advance. The subsystem can also work autonomously outside the system configuration due to a separate control panel.

“One of the main advantages of the Sapsan-Bekas is its versatility and flexibility. The functionality of the system is easy to adapt to the needs of customers. For example, civilian companies, including energy companies, are mostly interested in signals intelligence equipment, and often don’t need radiolocation capabilities — the concern is ready to make a product for them in the required configuration”, said **Vladimir Kabanov**, CEO of the Avtomatika Concern.

The company is already prepared to deliver Sapsan-Bekas to civilian customers. Before supplying to security agencies is possible, the system must first pass the testing scheduled for autumn 2019.



## **Ростех**

**Rostec** is a Russian State Corporation that was established in 2007 to facilitate the development, production and export of high-tech industrial products designed for civilian and military applications. The Corporation comprises over 700 organizations that are currently part of eleven holding companies operating in the military-industrial complex and three holding companies working in civilian industry, as well as over 80 directly managed organizations. Rostec's portfolio includes well-known brands such as AVTOVAZ, KAMAZ, Concern Kalashnikov, Russian Helicopters, UralVagonZavod, etc. Rostec companies are located in 60 constituent entities of the Russian Federation and supply products to the markets of more than 100 countries. According to Rostec's strategy, the main objective of the Corporation is to ensure that Russia has a technological advantage in highly competitive global markets. Rostec's key objectives include the introduction of a new techno-economic paradigm and digitalization of Russian economy.