



Rostec to Increase Component Supplies for Space Industry

*April 14, 2022
Press Release*

In 2022, the Obninsk Research and Production Enterprise “Technologiya” named after A.G. Romashin, a unit of Rostec State Corporation, will increase output of products for the aerospace industry. Products for launch vehicles and spacecraft will account for the main part of the company’s output in 2022. These are head fairing shells, solar panel frames and thermal control panels. The company will also continue to produce elements for the Russian advanced project to create the “Eagle” manned spacecraft.

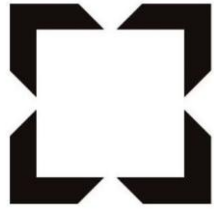
In August 2022, Russia expects to launch its lunar mission. ORPE Technologiya also has its share in this project. It produced over 80 components for the Luna-25 spacecraft, including the body and lightweight frames of solar panels, radiators of the thermal control system and structural fasteners made of polymer composite materials.

«In 2021, Technologiya produced more than 250 high-tech product units for this aerospace sector. Our company is involved in almost all domestic space projects including reusable spacecraft, launch vehicles, spacecraft for interplanetary and near-Earth research. The scientific and production potential of "Technologiya" allows to increase the volume of manufactured composite material products. In 2022, we plan to increase the supply of components for the aerospace industry by 30%», **CEO of Technologiya Andrey Silkin** said.

In 2021, the company manufactured the sets of head fairing shells from domestic materials for two Proton-M and one Angara-A5 launch vehicles. One of the key projects was the production of an engine compartment exceeding four meters in diameter, over two meters high, and made of polymer composite materials, for the “Eagle” manned spacecraft.

A significant event in the space-related history of the company was the launch of the first satellite in the series of the eponymous “Arktika-M” hydro-meteorological orbital group on February 28, 2021. A unique radiator of the new generation thermal control system installed on this spacecraft, manufactured by ORPE Technologiya according to the technical specifications provided by NPO Lavochkin, was successfully tested. The product has improved heat transfer properties and is more than 15% lighter due to the use of superior thermally conductive carbon fiber in its coating instead of traditional aluminum alloys.

Rostec is Russia’s largest manufacturing company. It is celebrating its 15th anniversary in 2022. The company comprises more than 800 scientific and industrial entities in 60 regions of Russia. Its key businesses include aircraft engineering, radioelectronics, medical technologies, and innovative materials. The corporation’s portfolio includes renowned brands such as AvtoVAZ, KAMAZ, UAC, Russian Helicopters, UEC, Uralvagonzavod, Ruselectronics, Shvabe, Kalashnikov, etc. The company supplies its products to more than 100 countries worldwide. Hi-tech export sales make up almost a third of Rostec revenues.



Rostec

Press Service of Rostec State Corporation

T: +7 (926) 911-28-36 | 24, Usacheva Str., Moscow | www.rostec.ru