



Press Release



PowerJet delivers the 400th SaM146 engine to SCAC

Moscow, Russia, August 28, 2019 – Less than ten years after the first SaM146 delivery, PowerJet has delivered the 400th engine to Sukhoi Civil Aircraft (SCAC) final assembly line. PowerJet supplies to SCAC an integrated propulsion system purpose-designed to power the Sukhoi SuperJet 100 regional jet. Over the years, PowerJet has continued to develop and extend its capacities to deliver SaM146 engines in line with the requirements of SCAC.

Within PowerJet, Safran Aircraft Engines develops the high-pressure core, the accessory gearbox, and the control system. The French company is also responsible for propulsion system integration and flight tests. UEC Saturn develops the fan module, the low-pressure compressor and turbine and is responsible for final engine and ground tests in its facility in Rybinsk, Russia.

Since starting revenue service in 2011, the SaM146 has logged more than 1.3 million flight hours with about 15 operators around the world. The fleet leader engine operated by Yakutia has logged more than 9,600 flight hours without removal. “The SaM146 has demonstrated exceptional performances in several types of operating environment, dispatching a reliability rate of 99.9%, similar to other world-class engines,” said Marc Sorel, CEO of PowerJet. “As part of the engine maturation process, we have been working on key parts improvements as well as on the development of additional support capacities to ensure the highest level of performance and availability to our customers.”

PowerJet is fully committed to support its customers through a flexible and specific services offer, according to state-of-the-art international practices, including a total of about 40 spare engines through dedicated pools.

PowerJet has also built in Russia a spare parts distribution center and is continuously developing its repair shop capacity in France and Russia to support airlines’ needs, and secure the MRO Turn Around Time. Over the past two years, the available slots in our shops went through a major ramp-up from 4 to 22.

The production plants of Safran Aircraft Engines and UEC Saturn have been certified according to EASA standards and successfully completed surveillance audits.

PowerJet, founded in July 2004, is a joint venture of Safran Aircraft Engines, France and NPO Saturn, Russia. The company manages the SaM146 engine program, including development, production, marketing and sales, as well as customer support and MRO services. In April 2003, the SaM146 engine was selected by Sukhoi to power its Superjet 100 regional jet.

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