Focusing on ramping-up: MTU Aero Engines Polska supplies the 1000th low-pressure turbine for the Pratt & Whitney GTF engine

Munich, Rzeszów, 11th January 2019 - MTU Aero Engines' technology is in each and every geared turbofan (GTF) engine produced for the Airbus A320neo. Its Polish subsidiary, MTU Aero Engines Polska, started to assemble the first low-pressure turbine for the geared turbofan model PW1100G-JM about three and a half years ago. At the end of the year 2018, the MTU site in Poland completed the 1000th module and delivered it to Pratt & Whitney. For MTU, this marks another milestone in the production ramp-up of this game-changing engine program at its site in Rzeszów.

Pratt & Whitney GTF engines are already in service on more than 350 aircraft and with 32 airlines. As things stand, more than 80 airlines around the world have ordered thousands of the GTF propulsion systems. In all, there are five applications for Pratt & Whitney’s GTF engine family: it powers the A320neo by Airbus, and it is the sole engine choice, for the A220 (formerly known as the Bombardier C Series), the MRJ from Mitsubishi, the new E170-E2 and E190-E2 E-Jet families from Embraer; and the MC-21 from Russian aircraft manufacturer Irkut.

MTU Aero Engines Polska has made a key contribution to the ramp-up of the eco-efficient GTF engine since 2015 by assembling the low-pressure turbines. The site in Poland also designs and produces components and airfoils for low pressure turbines. In addition to GTF engines, these parts are also used for the Airbus A320 and A380, the Boeing 787 Dreamliner and 777X, and for business jets such as Cessna and Gulfstream. The company also assembles the low-pressure turbines for various engines, as well as turbine center frames. The LM6000 series by General Electric is another of its fields of expertise.

MTU Aero Engines Polska first started to produce engine components for MTU, Germany’s leading engine manufacturer in April 2009. Within five years, the workforce in Rzeszów grew from an initial staff of 200 to 500 highly-skilled employees. Today, MTU Aero Engines Polska has a workforce of over 860 employees in the Polish aviation valley. MTU Aero Engines Polska is enlarging its existing operational space by another 11,400 square meters and according to plans, expects to be up and running no later than the end of 2019. The space in the newly built part of the facility will, first and foremost, house activities in connection with new technologies, such as, additive manufacturing, as well as for assembly and production of components and modules for latest widebody propulsion systems powering the 787 Dreamliner and the 777X. After the expansion, the total operational area will cover 38,500 square meters.

**About MTU Aero Engines**

MTU Aero Engines AG is Germany's leading engine manufacturer. The company is a technological leader in low-pressure turbines, high-pressure compressors, turbine center frames as well as manufacturing processes and repair techniques. In the commercial OEM business, the company plays a key role in the development, manufacturing and marketing of high-tech components together with international partners. Some 30 percent of today’s active aircraft in service worldwide have MTU components on board. In the commercial maintenance sector the company ranks among the top 5 service providers for commercial aircraft engines and industrial gas turbines. The activities are combined under the roof of MTU Maintenance. In the military arena, MTU Aero Engines is Germany's industrial lead company for practically all engines operated by the country's military. MTU operates a network of locations around the globe; Munich is home to its corporate headquarters. In fiscal 2017, the company had a workforce of some 10,000 employees and posted consolidated sales of approximately five billion euros.

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