

### **Boeing's 777X Maiden Flight with Liebherr Technology on Board a Success**

January 2020 – Liebherr-Aerospace congratulates The Boeing Company on a successful first flight for the new 777X airplane. Liebherr-Aerospace has been selected to manufacture the folding wing tip system, the main gear steering system as well as actuators, hydraulic motor and power drive unit for the high lift leading edge and high lift trailing edge of the aircraft. The company manufactures the trailing edge actuators based on Boeing's design (built-to-print), while for the leading edge actuators, Boeing entrusted Liebherr-Aerospace with the design and manufacturing of the units (built-to-spec).

A leading supplier to the aviation industry, Liebherr is thrilled to see Boeing's 777X take on the skies: "We congratulate Boeing to this great historic milestone in civil aviation. This first flight is an impressive proof of our very good, open and trustful cooperation and we are looking forward to continue this collaboration," said Dr. Klaus Schneider, Managing Director at Liebherr-Aerospace Lindenberg GmbH. "We work closely with Boeing's engineers to design, manufacture and test the systems and components. Our ongoing commitment to safety and customer satisfaction is our top priority. In order to test our technology we built a brand new building at Lindenberg that hosts a system test rig featuring one full size wing of the airplane. In this rig, we test for example the worldwide largest gear rotary actuator for application in commercial aviation."

The 777X is Boeing's newest family of twin-aisle airplanes that builds on the passenger-preferred and market-leading 777. Boeing Commercial Airplanes in November 2013 launched the airplane at the Dubai Airshow with 259 orders and commitments from four customers. Production of the 777X began in 2017 and first delivery is targeted for 2021.

Liebherr-Aerospace is also a supplier for the 747-8, 777, 777-200LR, 787, KC-46 and MH-139 Boeing airplane programs.

## **A leading supplier of systems for the aviation industry**

Liebherr-Aerospace & Transportation SAS, Toulouse (France), is one of eleven divisional control companies within the Liebherr Group and coordinates all activities in the aerospace and transportation systems sectors.

Liebherr-Aerospace is a leading supplier of systems for the aviation industry and has more than five decades of experience in this field. The range of aviation equipment produced by Liebherr for the civil and military sectors includes flight control and actuation systems, gears and gearboxes, landing gear and air management systems as well as electronics. These systems are deployed in wide-bodied aircraft, single aisle and regional aircraft, business jets, combat aircraft, military transporters, military training aircraft, civil helicopters and combat helicopters.

Liebherr's aerospace and transportation systems division employs around 5,800 people. It has four aviation equipment production plants at Lindenberg (Germany), Toulouse (France), Guaratinguetá (Brazil) and Nizhny Novgorod (Russia). These production sites offer a worldwide service with additional customer service centers in Saline (Michigan/USA), Seattle (Washington/USA), Montreal (Canada), Hamburg (Germany), Moscow (Russia), Dubai (UAE), Bangalore (India), Singapore and Shanghai (People's Republic of China).

## **Captions**



boeing\_777-9\_side\_above\_clouds\_02b\_copyright-boeing.jpg

The Boeing 777X is equipped with Liebherr-Aerospace technology – © Boeing

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