

### **Liebherr Delivers First Prototype of Folding Wing Tip Actuation System for B777X**

**March 2016 – Liebherr-Aerospace Lindenberg GmbH, Lindenberg (Germany) achieved a major milestone when delivering the first proof of concept prototype units for the Boeing 777X folding wing tip actuation system end of February 2016.**

The proof of concept prototype units were supplied by Liebherr-Aerospace according to Boeing's 777X program development schedule. The delivery illustrates the substantial progress that has been jointly accomplished by Boeing's and Liebherr's engineering team in the design and development of the compact and reliable folding wing tip actuation system. The parts will be used on a prototype rig, with testing planned to begin mid-year.

Liebherr was selected by Boeing in December 2014 to design, develop, manufacture and service the powerful fold subsystem which fits into a very narrow section of the 777X's wing. With its motors and rotating actuator, this system will fold the wing tip after landing, thus reducing the wingspan of the new wide-body aircraft by 7 meters (3.5 meters on each side) from 71.8 meters to 64.8 meters.

#### **Liebherr-Aerospace is 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, landing gear, air management systems as well as gears and gearboxes. 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 4,900 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), Singapore and Shanghai (People's Republic of China).

### **Captions**

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Boeing 777X– Copyright Boeing

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