

Press release

First Delivery of Liebherr-Aerospace Stand-alone Electronics Systems

The Liebherr Team has reached a major milestone with the delivery of the first engineering prototypes of the Nose Wheel Steering Remote Electronics Unit for the Boeing 787 Dreamliner and Main Gear Steering Control Unit for the Boeing Model 777 family of airplanes.

Lindenberg (Germany), August 2020 – Liebherr started the program for the Boeing 787 Nose Wheel Steering Remote Electronics Unit (NWS REU) and for the Boeing 777 Main Gear Steering Control Unit (MGSCU) in the second half of 2018, followed by the in-time design and the implementation phase. The company provided the first engineering prototype units for testing at Boeing in February 2020, after intense testing at the Liebherr facilities.

This marked the first time for Liebherr to supply stand-alone electronics* and the company is very happy and proud to share this historic milestone with its customer Boeing.

Boeing engineers successfully carried out development tests and continue to perform testing to confirm the correct operation of the components. The Boeing and Liebherr Teams are working closely together on the final reviews and preparation for qualification testing.

The high level of functionality and maturity of the Liebherr products is already evident from the engineering tests completed, which will support a successful qualification phase in advance of Liebherr's serial release and Boeing's subsequent entry into service on the 777 family and 787.

The teams are very satisfied with the progress to date, underscored by a successful Critical Design Review between Boeing and Liebherr; a great basis for further Liebherr stand-alone electronics system projects.

* Standalone Electronics is electronic hardware with a software operation system, as well as application software to integrate into dedicated airplane systems.

About Liebherr-Aerospace & Transportation

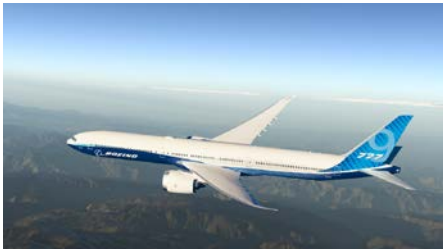
Liebherr-Aerospace & Transportation SAS, Toulouse (France), is one of eleven divisional control companies within the Liebherr Group and coordinates all activities in the aerospace and transportation systems sectors. Liebherr-Aerospace is a leading supplier of systems for the aviation industry and has more than six 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 6,200 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).

About the Liebherr Group

The Liebherr Group employs over 48,000 people in more than 140 companies across all continents. In 2019 Liebherr achieved a total consolidated turnover of more than 11.7 billion euros. As a global family-run technology company the Group is one of the world's largest manufacturers of construction machines and is recognised for developing technically advanced and user-oriented products and services. Liebherr was founded in Kirchdorf an der Iller in southern Germany in 1949.

Image



ZIOJSO_777-9_In_Air_02a_Post.jpg

Liebherr delivers the main gear steering control unit for the Boeing Model 777 family of airplanes. - © Boeing

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