

Learjet 85 Aircraft First Flight with Liebherr-Aerospace Technology on Board

April 2014.

Liebherr-Aerospace supplies key systems for Bombardier Aerospace's latest business jet, the Learjet 85* aircraft, which successfully made its maiden flight on April 09, 2014 – the integrated air management system and the high lift system, both including the related controls.

The systems feature the latest technologies for the next generation of mid-size business jets, especially in terms of weight optimization, reliability, and costs of operation. They benefit from the wide experience Liebherr-Aerospace has gained in the business aviation sector and through its long-standing relationship with Bombardier Aerospace in particular.

The high lift system is designed, developed and manufactured by Liebherr's center of excellence for landing gear, flight control and actuation systems, Liebherr-Aerospace Lindenberg GmbH, Lindenberg (Germany), while the air management system is a responsibility of Liebherr-Aerospace Toulouse SAS, Toulouse (France), Liebherr's center of excellence for aerospace air management systems.

Liebherr-Aerospace is a leading supplier of systems for the aviation industry

Liebherr-Aerospace & Transportation SAS, Toulouse (France), is one of ten 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 and air management systems. 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 more than 4,700 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), Wichita (Kansas/USA), Montreal (Canada), Sao José dos Campos (Brazil), Hamburg (Germany), Moscow (Russia), Dubai (UAE), Singapore and Shanghai (People's Republic of China).

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Captions

liebherr-learjet-85-air-cycle-machine-300dpi:

The air cycle machine is part of the Learjet 85 integrated air management system by Liebherr-Aerospace.

liebherr-learjet-85-high-lift-system-components-300dpi:

Components of the Learjet 85 flap actuation system by Liebherr-Aerospace.

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