LIEBHERR ON BOARD NEW DASSAULT FALCON 10X BUSINESS JET

News / Business aviation, Manufacturer

Liebherr-Aerospace workshare in the new Falcon business jet covers the integrated air management system, supplied to Dassault and landing gear components supplied to Héroux-Devtek. On May 6, 2021 the Falcon 10X was launched by Dassault Aviation and Liebherr will supply major systems and components for the all-new business jet.

State-of-the-art air management technology for comfort on board

Liebherr-Aerospace Toulouse SAS (France), Liebherr's center of excellence for air management systems, is responsible for the Falcon 10X's integrated air management system. This major work package covers the bleed, air conditioning, cabin pressure control, air preparation, overheat detection, and wing anti-ice protection systems. Building on the architecture of the Dassault Falcon 6X air management system also provided by Liebherr, this new package provides a combination of robust and proven equipment, along with new Liebherr component technology developments. One example is the introduction of smart valves developed by Liebherr, which offer increased digital control, opening the door to system control optimisation and increased product health management.

Latest technology for the landing gear

Furthermore, the Liebherr-Aerospace team in Lindenberg was commissioned by the Canadian

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company Héroux-Devtek to supply landing gear actuation and steering components for the Falcon 10X. Based on its experience, Liebherr was able to offer for the business jet latest technology within a very short time according to the newest environmental requirements.

Nicolas Bonleux, Managing Director and Chief Commercial Officer at Liebherr-Aerospace & Transportation SAS, commented: “For over 70 years, Liebherr has been developing, manufacturing, and servicing major systems or components of Dassault Aviation’s aircraft, including all members of the
Falcon family such as the 7X, 8X, 900, 2000 / 2000EX and the 50EX. We are very happy and honored to say that we can contribute our experience and technology also to the latest member of Dassault’s Falcon Family.”

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