



DEUTSCHE AIRCRAFT SELECTS LIEBHERR TO SUPPLY FLAP AND SPOILER ACTUATION SYSTEM FOR D328ECO AIRCRAFT

News / Manufacturer



Deutsche Aircraft GmbH today announces its partnership with Liebherr-Aerospace, to develop and supply the flap and spoiler actuation system for the D328eco™ aircraft, a game-changing platform that paves the way towards a zero-emission flight objective. Liebherr, renowned for the highest quality, will contribute to the development of the D328eco with highly-engineered "made in Germany" parts that follow sustainable manufacturing practices, aligned with both companies' future environmental goals. The parts will be manufactured by Liebherr-Aerospace, based in Lindenberg, Germany, where they already benefit from decades of experience as a German manufacturing center of excellence, supplying state-of-the-art technology to the aviation industry.

The D328eco new flap control unit meets the highest industry standards and constitutes an evolution of today's control electronics and fly-by-wire flight controls developed by Liebherr-Aerospace, that are already certified and operating successfully.

The modularity of the components ensures the shortest time to market with the highest maturity. Latest design methods and component generations are used to achieve maturity as well as long-term product reliability. In line with Deutsche Aircraft's sustainability objectives, REACH compliant manufacturing processes have been adopted as part of the current project and Liebherr-Aerospace will be supporting Deutsche Aircraft with the production of REACH compliant flight control actuation for the D328eco.

Liebherr will develop and deliver the flap control unit including application and control software. The unit is composed of a command / monitor architecture and is designed according to the DAL A with a DAL C Command Lane and the DAL A Monitor Lane.

Deutsche Aircraft's Director of Supply Chain, Maximilian Fahr, commented on this partnership: "The strategic partnership with Liebherr is another step towards building a resilient and sustainable supply chain based on the fundamentals of quality, time to market and regional proximity. We have been seeing stronger levels of resilience in the supply chain with players that have higher quality products and more sustainable and automated manufacturing processes. Liebherr-Aerospace is at the forefront of what the industry can do best and we will build on these assets."

"We are very happy to count Deutsche Aircraft among our customers. Based on our experience and know-how gained during the last six decades – including our program participation in the Do328 – we are looking forward to provide state-of-the-art technology made in Germany for the D328eco", explains Thomas Hummel, Director Sales & Marketing at Liebherr-Aerospace Lindenberg GmbH.

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