



LIEBHERR SUPPLIES ELECTRO-MECHANIC ACTUATORS FOR EVE AIR MOBILITY' EVTOL

News / Manufacturer



The new actuators developed and manufactured by Liebherr-Aerospace will be integrated into the eVTOL aircraft for actuation of its aileron, elevator and rudder surfaces. The robust, lightweight actuators come with a fully integrated control and power electronics module, which makes them more compact and easier to install than competing actuators.

Dr. Klaus Schneider, Chief Technology Officer of Liebherr-Aerospace & Transportation SAS, commented: "As a longtime partner of Embraer, Eve's engineering backbone, in many successful development projects, Liebherr has strong confidence in Eve's capability to develop, certify and produce such revolutionary eVTOL. This contract is a historic milestone and represents the beginning of a new relationship with Eve Air Mobility. It signifies our commitment to excellence that we continuously demonstrate towards our customers. We have listened to Eve's requirements for these actuators since the early stages of development and have met their requirements in every step of the research and development phases. Our electric technology, specifically fly-by-wire actuators, improve the maintainability, reliability, and maneuverability of future aircraft."

Eve has already received orders for close to 3,000 vehicles and is working with several operators, infrastructure companies and government agencies to create an operating environment for urban air mobility.

The development and production of the units will be performed by Liebherr-Aerospace Lindenberg GmbH, Lindenberg (Germany), Liebherr's center of excellence for flight controls, actuation, gears,

gearboxes and landing gears, in close cooperation with Liebherr-Electronics and Drives GmbH, Lindau (Germany) as well as with Liebherr-Aerospace's on-site team at two facilities in Brazil, São José dos Campos and Gavião Peixoto.



06 NOVEMBER 2023

ARTICLE LINK:

<https://virginia.50skyshades.com/news/manufacturer/liebherr-supplies-electro-mechanic-actuators-for-eve-air-mobility-evtol>