AKAER HAS BEEN SELECTED BY DEUTSCHE AIRCRAFT TO MANUFACTURE THE FORWARD FUSELAGE FOR NEW D328ECO REGIONAL TURBOPROP

News / Manufacturer

Akaer, an aerospace and engineering company that is a leader in innovation, has been selected by German OEM Deutsche Aircraft to manufacture the forward fuselage of the D328eco, the sustainable 40-seater turboprop aircraft for the regional aviation market. Akaer will be responsible for the manufacturing of the forward fuselage, including industrialisation, tooling, prototype and related studies.

Collaboration and commitment

Akaer's agreement with Deutsche Aircraft is a significant achievement that strengthens its position in the global aerospace industry. Deutsche Aircraft has recognised Akaer's expertise in design engineering and the comprehensive assembly of the forward fuselage as decisive advantages. This premier Brazilian company is capable of designing and delivering large structural assemblies for the aerospace industry worldwide and Brazil has solidified its position as the third-largest

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aircraft manufacturer in the world.

Cesar Silva, CEO of Akaer, commented: "The D328eco signifies a major milestone in global aviation, heralding more sustainable and efficient flights. For Akaer, being a part of this significant project and playing a fundamental role in producing the forward fuselage is a source of great pride, further solidifying our position as a Tier 1 company."

Dave Jackson, CEO of Deutsche Aircraft, said: "The commitment and experience showcased by Akaer throughout this process was pivotal in our decision-making, Akaer is one of the key players in the Brazilian Aerospace industry which is why we are excited to collaborate on this project for the front fuselage which is a milestone in the D328eco programme."

Maximilan Fahr, Vice President Supply Chain of Deutsche Aircraft stated: “This collaboration underscores the acknowledgment of Akaer's excellence and 32 years of experience in the aeronautical industry. The selection process was meticulous. We considered Akaer's commitment, customer focus and exemplary experience, which were instrumental in securing this significant project for the D328eco programme.”

A booming aviation market

Brazil has the 5th largest airspace in the world and is currently focused on the expansion of regional aviation. Around US$ 600 million has been invested to connect the vast community by air and this collaboration will support Brazil’s initiatives to enhance its expertise and capacity in both regional aviation and aerospace manufacturing.

With the 2nd largest general aviation fleet in the world, Brazil has the potential to upgrade with the multi-role configuration of the D328eco, which can cater to its executive, aeromedical and agricultural aviation demands. The turboprop market share in Brazil has grown by 344% over the last 10 years.

The remarkable versatility of the D328eco multi role configuration allows it to be tailored for diverse operations, including passenger transport, rescue missions, military operations, forest firefighting and aeromedical services. Its exceptional flight characteristics and adaptability enable it to access destinations with short, unpaved runways, even in the most challenging weather conditions.

The D328eco boasts the lowest fuel consumption and pollutant emissions in the industry. It will be fully compatible with 100% SAF-PtL and other fuel blends, which means the aircraft will offer customers maximum flexibility when it comes to energy supply options. The first delivery of the D328eco forward fuselage is scheduled for the end of 2025 and will initially be produced in Brazil at the facilities in São José dos Campos.

11 MARCH 2024

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