NEXT-GENERATION SUSTAINABLE CABIN INTERIOR FOR D328ECOTM -DEUTSCHE AIRCRAFT & FACTORYDESIGN

News / Manufacturer

Deutsche Aircraft announced a partnership with the London-based design agency Factorydesign. Deutsche Aircraft is currently working on remodeling the Dornier 328 short haul aircraft into a more environmentally-friendly concept, called D328eco.

The focus on sustainability also applies to the cabin interior. Factorydesign are tasked with creating an all-new cabin interior including walls, ceilings, overhead compartments, bulkheads and partition, a new and engaging welcome on boarding, as well as a new galley, lavatory and bespoke seating.

The goal is to redefine the cabin through design features, with careful attention to sustainable materials and processes, plus thoughtful consideration given to the passenger

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experience, crew requirements and operation.

“It is clear that the future success of aviation at all levels will be determined by the airframers thoughtful attention to sustainability, passenger experience and providing airlines with options to improve their flexibility. As such, we are naturally delighted to be working for Deutsche Aircraft on the new cabin interiors for their D328eco aircraft.” says Peter Tennent, Commercial Director, Factorydesign.

Ecological, comfortable and safe

Redesigning seats, stowage compartments, structural components and lighting can save weight and thus make the aircraft more fuel efficient. Selecting certified materials for components that are either recycled or are recyclable, help to reduce waste. By looking into alternative manufacturing techniques, resources may be used more efficiently.

Sustainability does not end with weight-saving and alternative materials. Passenger comfort is also key in providing a sustainable tool for airlines. “We are looking at ways to enhance the customer experience. Passengers should expect that they are being looked after, feel safe and have an experience that they want to happily come back to and not just tolerate,” explains Adrian Berry, Creative Director at Factorydesign.

What applies to the passengers also applies to the crew. Key aspects of providing them with a suitable workspace are technological enhancements, ergonomics of space and simplicity of the design.

Safety has always been an important consideration in air travel. The covid-pandemic has put an even bigger emphasis on hygiene in the cabin. Cleaning and cleanability will also be emphasized. Other state of the art cleaning solutions, anti-microbial surfaces and finishes, as well as easy and quickly changeable refreshment items could be incorporated.

Creating a convincing “business card”

Houda El Mektoumi, Head of Cabin & Cargo at Deutsche Aircraft shares: “The cabin design is the business card of an aircraft and any airline. Together with Factorydesign, our team of Cabin Interior Engineers will ensure that the high comfort and design level of long-haul jets will continue in regional aircraft. Passengers will enjoy a seamless flight experience in the D328eco and be delighted by the unique, sustainable cabin design. We are certain that together with Factorydesign we can open a new chapter in short haul air travel.”

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