

The fabric of success

Paustian airtex is a leading producer of textile and leather products for passenger cabins, also providing the related certification and MRO services. Its EASA 21J-approved Design Organisation uses aircraft configurator Pacelab Cabin to support airline clients' refurbishment projects.

Fresh insides

Paustian airtex first built its reputation on high-quality textile and leather covers for aircraft seats, curtains and carpets, shaping the look of passenger cabins of all kinds and sizes, from small VIP jets to large commercial airliners. In the course of four decades of business, the company's portfolio has expanded from the manufacture of fabrics and customized interior solutions.

In 2012, Paustian airtex received Design Organisation approval (Part 21J) from European airworthiness authority EASA, authorizing its Berlin-based subdivision to provide design and approval services for cabin refurbishments and maintenance projects.

Design approval support

When searching for a software to support the generation of LOPA drawings, Paustian airtex's design team decided on Pacelab Cabin and on the strength of its integrated rules engine, which continuously verifies the layout's compliance with certification requirements and other design specifications. This ensures that any approval issues will be instantly detected, keeping the number of revisions to a minimum.

The ready-to-use and extensible library of cabin items used to set up and manage a repository of seat variants as well as the convenient layout generation via drag and drop have helped Paustian airtex to significantly speed up the LOPA creation process. Once approved, the fully customizable output and reporting options issue all documentation relevant for certification including standard-compliant engineering drawings and technical data.



Paustian airtex GmbH | Facts & Figures

- » Privately held company founded 1973
- » 100+ employees at two German sites: Sörup and Berlin
- » Manufacturing of textile products according to EASA Part 21G
- » Design Organisation according to EASA Part 21J
- » Cabin refurbishment for commercial aircraft



State-of-the-art technology

Pacelab Cabin has enabled the design team to cut response times and deliver consistently high layout quality. Relying on leading configuration software is in line with Paustian airtex's commitment to implementing state-of-the-art technology to provide the best available service to its customers.

"Pacelab Cabin supports our aim to offer a one-stop shop for the generation of validated layout data and standardized certification documents."

Nils Pehmöller,
Senior Design Engineer at Paustian airtex