

CabinWORKS

Engineering the better alternative

When cabin parts are unavailable or too expensive, Lufthansa Technik provides certified alternative parts that keep your fleet flying. CabinWORKS combines engineering expertise, aviation approvals and a broad range of manufacturing technologies to deliver reliable and cost-effective solutions.

Airlines increasingly face unavailable, discontinued or hard-to-source cabin components. At the same time, cost pressure and reliability demands continue to rise. To avoid single sourcing, many operators actively seek alternative solutions that match or outperform OEM parts.

With CabinWORKS, we offer a smart approach to these challenges that goes beyond manufacturing. By combining cabin lifecycle expertise with aviation engineering know-how and cutting-edge technologies, Lufthansa Technik engineers improved cabin components that deliver enhanced functionality, greater durability and proven aviation performance.

With Design Organization Approval under EASA Part 21J and Production Organization Approval under EASA Part 21G, we support customers from their initial requirement to the delivery of the certified part.

Benefits

- Economical alternatives to expensive original parts
- Solutions for obsolete or hard-to-source components
- Broad manufacturing portfolio for cabin interior parts
- Optimized designs for durability and performance
- Flexible production for small batches and serial needs
- Design Organization EASA Part 21J providing engineering, design and certification expertise
- Production Organization EASA Part 21G with worldwide manufacturing network

Lufthansa Technik

How it works

We evaluate the individual component requirements and identify opportunities for improvement.
Leveraging Lufthansa Technik's aviation engineering expertise, we optimize designs for enhanced performance, durability and functionality, then select the most suitable manufacturing process to deliver a certified solution.

Additive Manufacturing
For complex geometries, low-volume production, fast availability and parts without tooling requirements.

Thermoforming
For cabin panels, covers, trims and interior elements requiring lightweight and precise shaping.

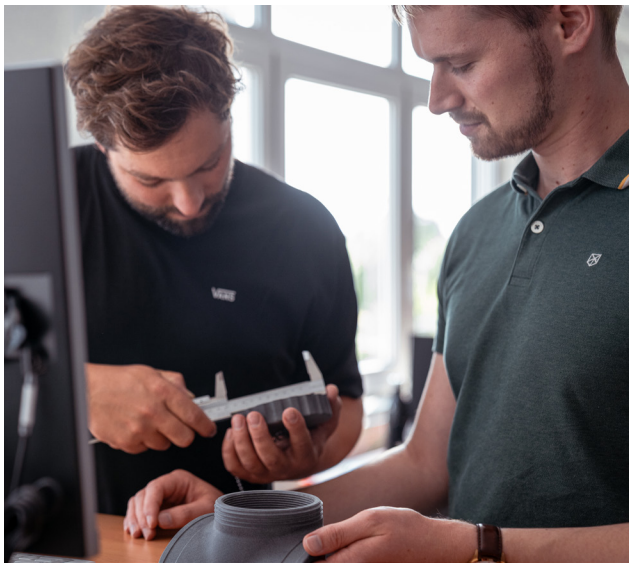
Injection Molding
For reproducible serial components with consistent quality and efficient production economics.

Composite Manufacturing
For lightweight cabin and structural interior parts that require strength, stability and durability.

Metal Processing
For brackets, fittings, structural elements and robust cabin-related components.

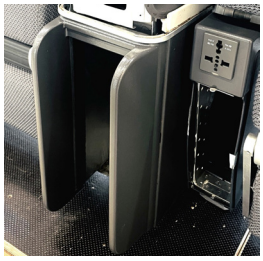
Surface Finishing
For coatings, paint, textures, and visual matching to ensure seamless cabin integration.

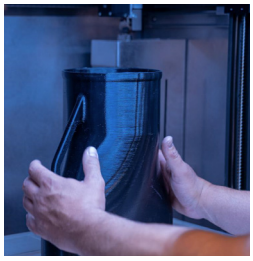
Upholstery and Soft Materials
For textile, leather, foam and soft-material cabin components with a high-quality finish.



Engineering better alternatives for cabin interiors

- **We are experts, offering comprehensive market insights, consulting and guidance.**
- **We deliver bespoke product solutions for aircraft parts.**
- **We create added value through optimized designs and materials for fast, cost-effective small-batch or serial production.**
- **We provide EASA Form-1 certified parts delivered with the approved design packages.**
- **Thousands of aircraft parts have already been developed, produced and installed.**
- **All aircraft types can benefit from our alternative parts.**




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