

More mobility for the world



Lufthansa Technik

Graphic Solutions

**Colors and signs
for your aircraft**





A variety of services for aircraft foiling

Aircraft painting is both time-consuming and costly. This is where foil application comes in. Due to the flexibility of the foils and the speed with which they can be applied it has developed into an attractive alternative to painting. Lufthansa Technik offers a complete range of services for aviation-certified foiling of almost every type of passenger or freighter aircraft.

Lufthansa Technik's Graphic Solutions team handles every step from design development and certification (EASA Part-21J) to production (EASA Part-21G) and application/removal. You can order aircraft foiling services as a modular product or as a complete process from a single source.





The extremely fast and cost-efficient application of exterior foils makes the decoration of aircraft for short-term use a viable option.

Design development

The use of foils to decorate or mark aircraft has evolved into an attractive Lufthansa Technik product. There are practically no limits to the designs and color schemes that can be used on aircraft, thus customers often rely on the extensive expertise gathered by the graphics shop when it comes to developing and

selecting a design. Lufthansa Technik has already developed and applied numerous design variants, with foils on the fuselage, the tail and even the wing. The company's foiling experts use their extensive know-how to provide customers with a perfect product.





Graphic Solutions

Livery and lettering stencils

This is the standard option for complex customized paint masks. It consists of stencils based on customer drawings, and is compatible with base coat/clear coat paint systems.

Livery stencils are applicable on fresh coating, are easy to use, entail no quality risks, allow for easy removal and have no glue residues.

Letterings: Airline names, web addresses, registrations, customized design items

Logos: Colored livery patterns



Exterior and cargo markings

Exterior placards, markings and decals are available individually as spares or in kit form. We produce them based on customer documentation and from certified and approved best quality materials. We can also build custom spares and kits to meet your specific needs.

Full exterior:

Both mandatory and custom markings





Graphic Solutions will be produced by dedicated Lufthansa Technik shops in Hamburg and Sofia.



Certified for every application

Engineering and certification

Since foiling is a deviation from an aircraft type design, certification is compulsory for operators planning to apply foils to their aircraft. As a Part-21J Design Organization, Lufthansa Technik ensures that all aviation authority requirements of aircraft painting are met. Lufthansa Technik is authorized to approve designs for its customers, thus a certified solution is created right from the start of the project.

State-of-the-art production

As an approved Production Organisation (EASA Part-21G) Lufthansa Technik's experienced team is able to provide every aircraft product imaginable based on foil technology. The graphics shop has several state-of-the-art printers, a laser cutting machine and a dedicated instrument capable of back printing. The combination of ultra-modern equipment and an experienced team make Lufthansa Technik's Graphics Solutions team the first choice when speed, flexibility and quality are needed.

Superior material

In order to determine the perfect foil material to apply to aircraft, Lufthansa Technik subjected the products in question to a series of investigations. The spectrum ranges from adhesion tests to determining the chemical resistance against the liquids used in the aviation industry, such as fuel, oil and hydraulic fluid, fire tests through to complex tests for establishing the thermal cycle stability. More than 20 individual tests were required in order to find the perfect material.

Overnight application and removal

Once a particular design is agreed upon, it is printed on foil sheets with a width of up to 1.6 meters. The final step is the application of the foil to the aircraft – and with it one of the big bonuses of using foils. With a few exceptions only, the foils can be applied to an aircraft during a single night shift – completely eliminating the ground times usually associated with aircraft painting. And the removal of the foils is equally simple.

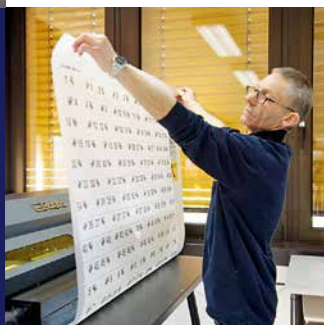


Interior placards

Interior placards, markings and decals are available individually as spares or in kit form. We produce them based on customer documentation and from certified and approved best quality materials. We can also build custom spares and kits to meet your specific needs.

Full interior:

Cabin placards and markings



The product portfolio ranges from small prints for cabin applications to aircraft livery.

Customer advantages

- Certification and qualification (Part-21/J)
- Production according to EASA Part-21/G
- Lufthansa Technik quality standard
- Design development support
- High-tech foil printing shop
- Unlimited designs and colors
- Fast application
- Highly cost-efficient

For more information contact us

Phone +49-40-5070-70700
Fax +49-40-5070-9870700
graphics@lht.dlh.de

Copyright © 2016 Lufthansa Technik. All rights reserved. Disclaimer in respect of statements and information. Nothing contained in this publication shall constitute any warranty, guarantee or liability for Lufthansa Technik AG, its subsidiaries and affiliates but is for information purposes only. Accordingly, Lufthansa Technik AG, its subsidiaries and affiliates neither expressly nor conclusively accept responsibility or liability for the actuality, accuracy and completeness of the statements and information contained in this publication. 10/16



Lufthansa Technik

Lufthansa Technik AG
Corporate Sales & Marketing
Weg beim Jaeger 193
22335 Hamburg
Germany

Phone +49 40 5070-5553
Fax +49-40-5070-5605
marketing.sales@lht.dlh.de
www.lufthansa-technik.com

More information
about Graphic
Solutions:
[lufthansa-technik.
com/graphics](http://lufthansa-technik.com/graphics)

