

More mobility for the world



Lufthansa Technik



Services for the Boeing 737

Maintaining a success



Maximum support for the 737

The Boeing 737 is the perfect example of how Lufthansa Technik's influence and expertise can be translated to the development and maintenance of modern commercial aircraft. Lufthansa contributed the specifications and substantial engineering input to the creation of the original version of this narrow-body in the mid-1960s. "Made by Lufthansa" has been a mark of pride for the airline throughout its company history. And the excellence it stands for applies to Lufthansa Technik, too, which has kept this success story in the air for every generation.

Keeping it in-house

Whether as Classic, NG or MAX, whether as VIP jet, government aircraft or special mission aircraft – Lufthansa Technik has developed an all-encompassing portfolio for the 737 family. From engines to components, logistics, line and base maintenance, cabin completions, modifications, engineering and leasing support, and mobile repair teams: nearly 100 percent of the services can be provided in-house by the global Lufthansa Technik Group in nearly every phase of an aircraft's life cycle.



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[www.lufthansa-
technik.com/boeing-737](http://www.lufthansa-technik.com/boeing-737)

Tailored support and maximum efficiency

Capacity is one issue, performance is another. Lufthansa Technik's proximity to the flight operations of hundreds of airlines that operate the 737 in every fleet size and mix of types offers unique advantages: peerless operational experience, the most modern processes, innovative repair procedures and sustainable efficiencies of scale in material supply. Customers can rely on a consistently high level of service and quality around the world, a high degree of flexibility, and a rapid response to both routine and non-routine events. The portfolio ranges from single events to a comprehensive integrated Total Support Services package that is tailored to the specific fleet – always with the goal of reducing maintenance costs.

“MAX” is the name of the future

The success story of the 737 family has now gained a new chapter with the 737 MAX. While many of the proven technologies have been retained in the MAX, the newest-generation 737 features improved aerodynamics (winglets and aft body), new cockpit avionics, improved systems and new engines.

Once again, Lufthansa Technik's substantial technical experience and know-how will ensure that the newest member of the 737 family spends as little time as possible on the ground. And the company's great experience with entries into service offers ideal conditions for achieving the highest reliability from day one of 737 MAX operations.



“Made” by Lufthansa

With more than 13,000 orders and more than 9,000 deliveries, the Boeing 737 is the single most purchased passenger aircraft of all time. The launch of the 737 program in the 1960s was largely based on Lufthansa's firm commitment. During development of the narrowbody jet, Boeing and Lufthansa entered into what is still a unique symbiosis.

History with a future

Looking back on more than 50 years of partnership and innovation, this unique collaboration continues to pay off in particular to Lufthansa Technik's customers who receive airplanes that are manufactured and maintained precisely to their needs.

- 1959** The first Lufthansa 707 rolls out of the Boeing factory
- 1961** Lufthansa becomes European launch customer for the 727
- 1967** Lufthansa takes delivery of first 737-130
- 1970** Lufthansa begins scheduled service with its first 747-130
- 1972** The first Lufthansa 747 freighter is in service
- 1989** Lufthansa takes over its first 747-400
- 1990** Lufthansa subsidiary Condor replaces 727s with 757s
- 1991** First 767-330ER enters service with Condor
- 2009** First 777 freighter registered in Germany arrives at AeroLogic
- 2012** 747-8 enters service with launch customer Lufthansa
- 2015** Lufthansa Cargo receives first 777 freighter
- 2020** 777X to enter service at Lufthansa



Life cycle efficiency for the 737

Drawing from its unique experience with every commercial aircraft operated in the history of jet aviation, Lufthansa Technik is the first address for the technical support of all classic, next-generation and future members of the Boeing 737 family.

Entry into service

- Aircraft Production Inspection
- Phase-in
- Transition
- Fast response team

Phase-out

- Lease return
- Teardown services

Modification

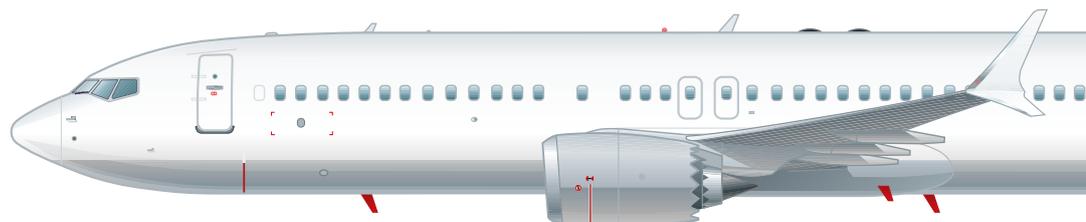
- Aircraft modification
- Cabin modification

Supplementary services

- VIP completion
- Logistics
- Training
- Foiling

eServices

- MRO-related IT integration (incl. manage/m®)



Line and Base Maintenance

The complete portfolio of line maintenance stations and heavy maintenance facilities offered for the Boeing 737 illustrates how well Lufthansa Technik can draw from its experience in supporting a worldwide fleet of aircraft of every size. The base maintenance products offered provide operators with an optimal choice of product depth, including a Total Base Maintenance Support (TBS®) fleet solution. Whether you are a lessor, a low cost airline or a network carrier: With more than 20 heavy maintenance lines open in Europe, America and Asia, Lufthansa Technik is the one-stop shop for all aspects of Boeing narrowbody base maintenance.

Aircraft Production Inspection

Lufthansa Technik offers 737 operators and owners an in-depth Aircraft Production Inspection Program (APIP). The early detection, documentation and rectification of production defects enhances reliability during operation and ultimately adds to the value retention of the aircraft. Lufthansa Technik's highly experienced inspection staff is embedded in the manufacturer's production facilities.

Component Services/Material Support

To handle the need for single-source component services, Lufthansa Technik offers a one-stop shop solution that greatly reduces the complexities usually associated with the provision of spare parts. With a unique combination of high in-house repair capability, global aviation logistics and multiple supply chain options 737 family aircraft operators of any fleet size and mix enjoy cost benefits and service level guarantees that are normally only achievable by large fleets.





Technical operations

- Line/Base maintenance
- Material management
- Component repair/pooling
- Engine services
- Composite repairs (ARC®)
- Tooling and equipment

Engineering

- Aircraft Engineering Services (AES)
- Engineering/Troubleshooting

Ad-hoc support

- AOG support
- On-wing services
- Airline Support Team (AST®)

Aircraft Engineering Services

With airline-proven services, Lufthansa Technik's Aircraft Engineering supports operators of the narrowbody Boeing family in effectively reducing their maintenance costs. Redefining and optimizing maintenance tasks, Lufthansa Technik's engineering experts customize and alter the content and the intervals between checks or single tasks – always maintaining safety and improving operational reliability.

VIP Completion

A globe-spanning support network combined with half a century of experience in providing top-class completions, modifications and refurbishments make Lufthansa Technik the top address for customized narrowbody Boeing Business Jets (BBJ and BBJ MAX) in private and government operation.

Technical Training

Lufthansa Technical Training offers training and seminars for all Boeing 737 family aircraft and their engines to obtain the respective Type Rating for the relevant license level.



At the pulse of the 737 engines

Lufthansa Technik has been overhauling the 737 family's turbofan engines, the CFM56, since their market introduction. No other independent engine shop has accumulated such extensive experience for all aspects of the engines' life cycle. This combination of unrivalled experience and in-house capabilities translate into highly efficient and cost-saving engine maintenance. On-wing times are well above the industry average.

New engine

Lufthansa Technik is currently preparing to also overhaul the successor engine model, the LEAP, in its engine shop in Hamburg.



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