

More mobility for the world

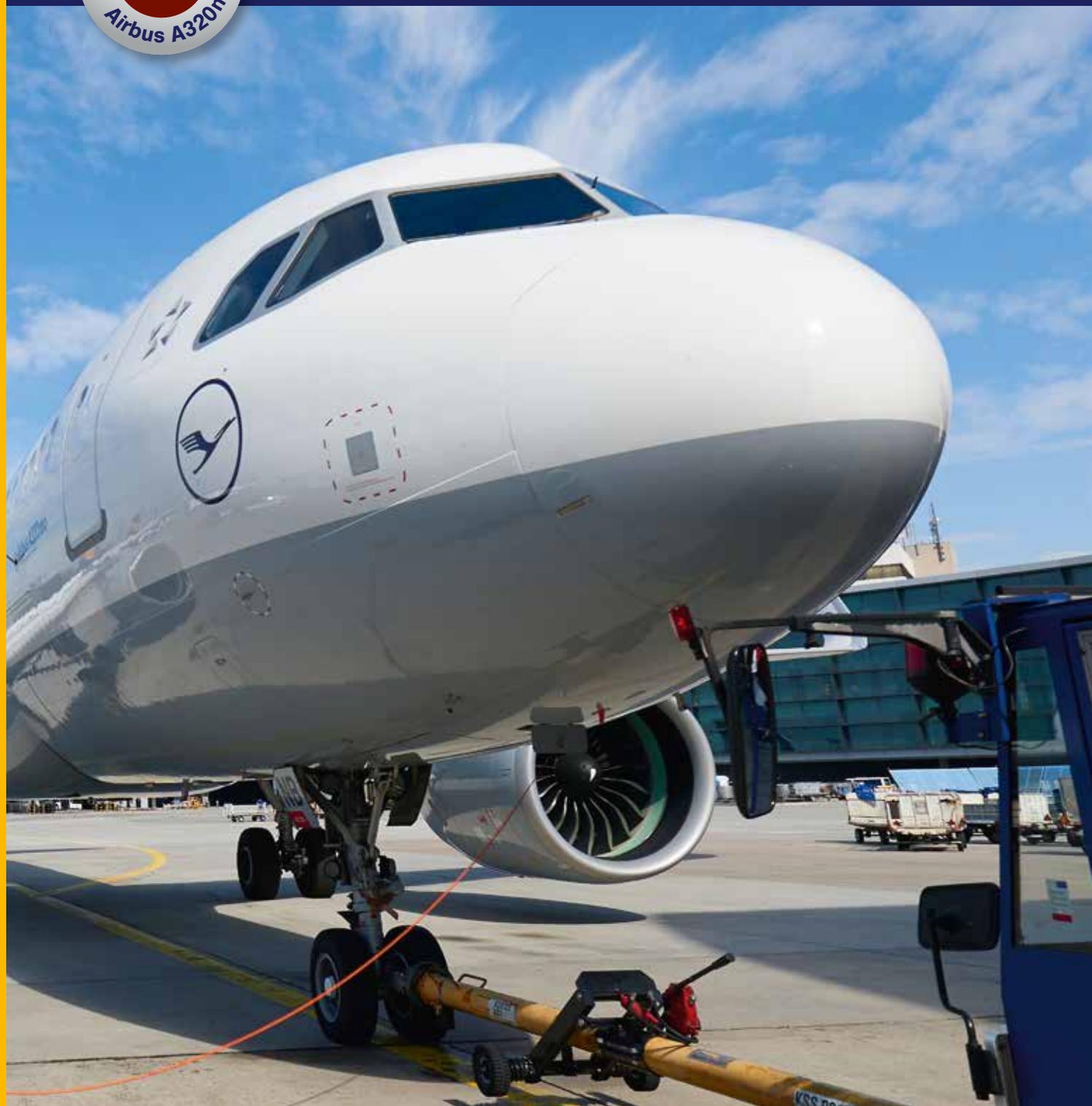


Lufthansa Technik



Services for the Airbus A320

Family business



The one-stop shop for a global family

Aircraft from the A320 family amount to one-third of the fleets in operation around the world today – and they have become important members of the big Lufthansa Technik family, too. When the Airbus narrowbody family was introduced at the end of the 1980s, it featured revolutionary technologies. Innovations such as the fly-by-wire flight control via side stick called for a maintenance “home” with a very special kind of expertise. And it found this special place at Lufthansa Technik with its airline-proven record of not just staying one step ahead of developments, but even influencing them.

Keeping it in-house

The Airbus single-aisle family has developed into a mainstay of the short- and medium-haul business in the aviation industry – whether in commercial operation, as VIP jet, government aircraft or special mission aircraft. As genuine one-stop shop, Lufthansa Technik has developed its portfolio for the A320 family accordingly. It ranges from single events to integrated and tailored Total Support Services – always with the goal of reducing maintenance costs without tampering quality and safety. Nearly 100 percent of the services can be provided in-house by a global Lufthansa Technik Group company in nearly every phase of an aircraft’s life cycle.



Customized support and maximum efficiency

Lufthansa Technik's proximity to the flight operations of hundreds of airlines that operate the A320 in every fleet size and mix of types offers unique advantages. These include peerless operational experience, the most modern processes, innovative technology 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 rapid response for both routine and non-routine events.



“neo” is the name of the future

Again with Lufthansa first to fly a newest-generation airliner, the success story of the A320 family has gained another chapter with the airline introducing the A320neo “new engine option” to its fleet. While many of the A320’s proven technologies have been retained in the “neo”, operators have the option of two new engines – the Geared Turbofan (GTF) and the CFM International LEAP. The aircraft also benefits from several modified systems as well. Once again, Lufthansa Technik’s substantial technical experience and knowhow will ensure that the newest member of the A320 family spends as little time as necessary 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 A320neo operations.



Scan the QR code for more information:
www.lufthansa-technik.com/a320

Life cycle efficiency for the A320

Beginning with the first Airbus airliner more than 40 years ago, the Lufthansa Group, especially Lufthansa Technik, has played an important role in the European aircraft manufacturer's success story to this day. Drawing from this experience, Lufthansa Technik is the first address for the support of all current and future members of the A320 family.

Entry into service (EIS)

- Aircraft Production Inspection
- Phase-in support
- 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 A320 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 heavy maintenance lines open in Europe, America and Asia, Lufthansa Technik is the one-stop shop for all aspects of Airbus narrowbody base maintenance.

Aircraft Production Inspection

Lufthansa Technik offers A320 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 A320 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 Airbus 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 Airbus corporate jet versions (ACJ318/319/320/321 and ACJneo) in private and government operation.

Technical Training

Lufthansa Technical Training offers training and seminars for all Airbus A320 family aircraft and their engines to obtain the respective Type Rating for the relevant license level.



At the pulse of the A320's engines

Lufthansa Technik has been overhauling the A320 family's turbofan engines, the CFM56 and IAE 2500, 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 options

Lufthansa has become a key member of the Pratt & Whitney Geared Turbofan (GTF) engine MRO network offering the full scope of MRO services on the PW1100G-JM engines. Also the Lufthansa Technik engine experts are preparing for the introduction of the CFM International LEAP-1A engine.



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