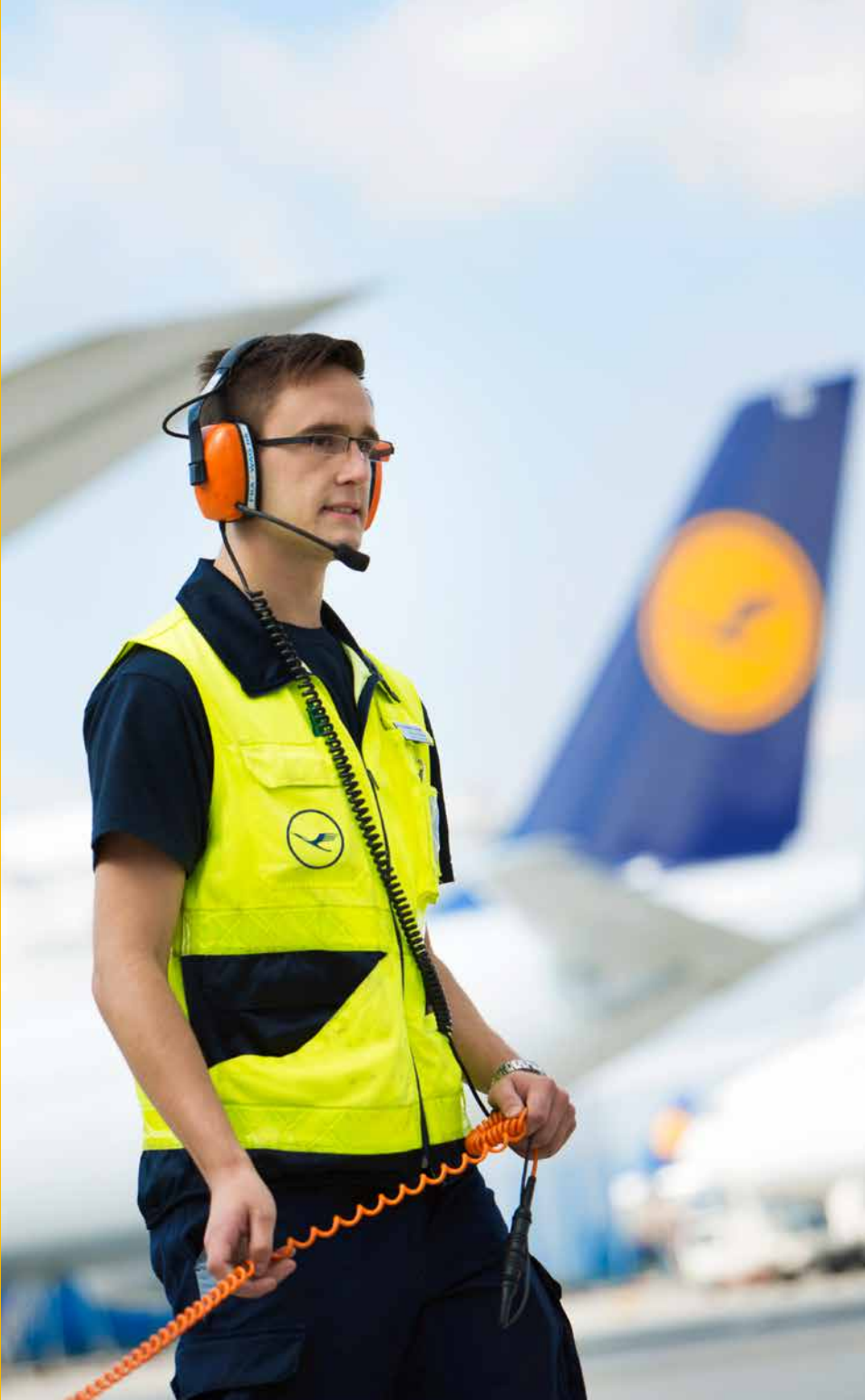




Lufthansa Technik

Germany

Station Capability List



Line Maintenance Stations Germany

This Flyer provides an overview about the capabilities of our Line Maintenance Stations in Germany. Our standard product at all stations is line maintenance support up to weekly checks.

Berlin Schoenefeld (SXF)

Lufthansa Technik
Technik/Wartung Stationen
Elly-Beinhorn-Ring 4
12529 Berlin
Phone +49-30-8875-4160
Fax +49-30-8875-4159
BERWA73@lht.dlh.de

Berlin Tegel (TXL)

Lufthansa Technik
Aircraft Maintenance Center
P.O. Box 970255
12702 Berlin-Tegel Airport
Phone +49-30-8875-6292
Fax +49-30-8875-6363
txlwa73Betr@lht.dlh.de

Cologne (CGN)

Lufthansa Technik
Airport Cologne/Bonn, Hangar 3
55147 Cologne
Phone +49-221-9759-8216
Fax +49-221-975-98217
cgnwa64betrieb@lht.dlh.de
*CRJ handled by CityLine
Phone +49-2203-596-173 or -174
cgntwclhei@dlh.de

Dusseldorf (DUS)

Lufthansa Technik
Rhein-Ruhr-Airport, Hangar 6
Frachtstrasse 2
40474 Dusseldorf
Phone +49-211-26006-222
Fax +49-211-26006-219
dussw@lht.dlh.de

Hamburg (HAM)

Lufthansa Technik
P.O. Box 630300
22313 Hamburg
Phone +49-40-5070-3383
Fax +49-40-5070-2059
hamsw@lht.dlh.de

Frankfurt (FRA)

Lufthansa Technik
Maintenance International
Customer Support Center
Frankfurt International Airport South
60549 Frankfurt
Phone +49-69-696-141880/-1
Fax +49-69-696-141888
maintenance-support@lht.dlh.de

Hanover (HAJ)

Lufthansa Technik
Airport Hanover
30669 Hanover
Phone +49-511-977-2633
Fax +49-511-977-2809
hajsw@lht.dlh.de

Leipzig (LEJ)

Lufthansa Technik
Airport Leipzig/Halle
P.O. Box 1105
04029 Leipzig
Phone +49-341-224-1616
Fax +49-341-224-1617
lejsw@lht.dlh.de

Munich (MUC)

Lufthansa Technik
Wartungsallee 1
85356 Munich
Phone +49-89-977-6777
Fax +49-89-977-6779
mucsw@lht.dlh.de
*CRJ handled by CityLine
Phone +49-89-977-6852
muctwscoo@dlh.de

Stuttgart (STR)

Lufthansa Technik
Flugzeugwartungshalle
70629 Stuttgart
Phone +49-711-948-4440
Fax +49-711-948-2421
strsw@lht.dlh.de

Cycleclean® engine wash

To eliminate the deficiencies of conventional engine wash methods, i.e. complexity and time demands, Lufthansa Technik has developed Cycleclean®, a new, patented technology. The highly cost-efficient process achieves excellent results with the minimum downtime, making engine washing an integral part of aircraft operations.

A core engine wash lowers the Exhaust Gas Temperature (EGT), thus reducing the fuel demand. This has the effect of cutting costs and also sparing the environment by producing lower emissions and consuming less fossil fuels. At the same time the improvement of the EGT margin leads to longer engine on-wing time as the material is subject to less stress, and also to lower overhaul costs. Thus an engine wash substantially reduces aircraft operating costs.

Simply the best

The technical features of Cycleclean® enable an engine wash to be performed based on an Engineering Order (EO), which distinguishes Cycleclean® from all competitors washing according to the Aircraft Maintenance Manual (AMM). An engine washed using the Cycleclean® Engine Wash does not require a run-up afterwards, obviating the need to disconnect and reconnect lines or to tow the aircraft to the run-up area. In this way, Cycleclean® brings substantial time and cost savings, with both operating and maintenance costs reduced. Complementing Lufthansa Technik's portfolio of engine services, the Cycleclean® Engine Wash system provides operators with an efficient way of making the optimum use of the life cycle of their engines.



Customer Benefits

- EGT margin improved by up to 30°C
- Fuel flow reduction up to 1% (best)
- No run-up required
- Short service time (<1 hour) for easy scheduling
- Environmentally friendly
- Cost savings up to \$500 per wash
- Reduced maintenance costs
- Safe collection of the polluted water
- Washing at the gate possible during transit
- Global network of Cycleclean® service stations
- Washing interval recommendation by LHT

Contact

Joachim Huber · Phone +49-69-696-69650 · cycleclean@lht.dlh.de

	Berlin Schoenefeld		Berlin Tegel		
A/C types	B737NG	A318, A320 Series	B737CL+NG	A318, A320 Series	B737CL+NG
Performance/co-ordination of:					
Line maintenance up to weekly check	●	●	●	●	●
Line maintenance up to A-check/monthly check	●	●		●	●
Base maintenance up to C-check/annual check	●	●			
Execution of AD's, SB's and Mods	●	●			●
Run up	●	●	●	●	●
Engine/APU change	●	●		●	●
Hangar and apron facilities	●	●	●	●	●
Borescope inspection	●	●	●	●	●
NDT inspection	●	●	● ⁵	● ⁵	
Oxygen service			●	●	●
Aircraft jacking	●	●	●	● ²	●
Aircraft towing	●	●	●	● ²	●
Aircraft pushback/assistance	●	●	●	● ²	
Provision of high access equipment	●	●			●
Structural repair	●	●			
Non-destructive testing	●	●			
Hydraulic test stand	●	●		●	●
RAT hydraulic test	●	●		●	●
Repair of plumbing, line and hoses					
Waste line cleaning	●	●			●
De-icing/anti-icing					●
Aircraft dry wash					●
Aircraft exterior cleaning	●	●	●	●	
Water disinfection	●	●	●	●	●
Aircraft disinfection	●	●	●	●	●
Aircraft parking and storage	●	●			●
Cycleclean® – engine water wash	●	●	●	●	●

¹(CGN) = excl. A330 | ²(TXL) = only for A320 Series | ³(FRA) = except B737CL | ⁴(FRA) = incl. Bottle change

Cologne			Dusseldorf			Frankfurt				Han
B757, B767	A318 , A320 Series, A330, A340-2/3	CRJ**	B737NG	B777, B787	A318, A320 Series, A320neo, A330, A340, A350, A380	B737NG	B744, B748, B757, B767, B777, B787	A318, A320 Series, A330, A340, A350*, A380	MD11	B737NG
●	●	●	●	●	●	●	●	●	●	●
●	●	●	●		●	● ³	●	●	●	●
						● ³	●	●	●	
	●		●	●	●	● ³	●	●	●	
	●	●	●	●	●	●	●	●	●	
	●	●	●	●	●	●	●	●	●	
●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	
	●	●	●	●	●	●	●	●	●	
	●	●	●	●	●	● ⁴	● ⁴	● ⁴	● ⁴	
	●	●	●	●	●	●	●	●	●	
●	● ¹	●	●	●	●	●	●	●	●	
			●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
						●	●	●	●	
	●		●	●	●	●	●	●	●	
	●	●	●	●	●	●	●	●	●	
						●	●	●	●	
●	●	●	●	●	●	●	●	●	●	
●	●	●								
	●	●	●	●	●	●	●	●	●	
			●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
●	●		●	●	●	●	●	●	●	
●	●	●	●	●	●	●	●	●	●	
	●	●	●	●	●	●	●	●	●	

¹(TXL) = on request with 2 days pre-announcement | ²(STR) = without A330 | ³(STR) = up to A321 | ⁴(STR) = without B767

Over	Hamburg			Leipzig			Munich			
A318, A320 Series, A320neo	B737CL+NG	B747, B757, B767, B777	A318, A320 Series, A320neo, A330, A340, A380	B737CL+NG	B747, B777	A318, A320 Series, A330	B737NG	B744, B748, B757, B767, B777, B787	A318, A320 Series, A320neo, A330, A340, A350*, A380	CRJ, ERJ**
●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
	●	●	●						●	
	●	●	●				●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
	●	●	●				●	●	●	●
●	●	●	●	●		●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	● ¹¹	●	●
				● ¹⁰	● ¹⁰	● ¹⁰				
●	●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
	●	●	●				●	●	●	●
	●	●	●				●	●	●	●
	●	●	●				●	●	●	●
	●	●	●				●	●	●	●
	●	●	●				● ¹²	● ¹²	● ¹²	● ¹²
	●	●	●				●	●	●	●
							●	●	●	●
●	●	●	●	● ¹⁰	● ¹⁰	● ¹⁰	●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
	●	●	●				●	●	●	●
●	●	●	●	●	●	●	●	●	●	●
	●	●	●				●	●	●	●

¹⁰(LEJ) = in consultation with airport possible | ¹¹(MUC) = without B747, B787 | ¹²(MUC) = only small repairs | *(FRA/MUC) =

Stuttgart				
B737CL+NG	B757, B767	A318, A320 Series, A320neo, A330	CRJ	A/C types
				Performance/co-ordination of:
●	●	●	●	Line maintenance up to weekly check
●	●	● ⁷		Line maintenance up to A-check/monthly check
				Base maintenance up to C-check/annual check
	● ⁹	● ⁷		Execution of AD's, SB's and Mods
●		● ⁷		Run up
●		●		Engine/APU change
●	●	● ⁷	●	Hangar and apron facilities
●		●		Borescope inspection
				NDT inspection
●	●	●	●	Oxygen service
●	●	● ⁸		Aircraft jacking
●	●	●	●	Aircraft towing
●	●	●	●	Aircraft pushback/assistance
				Provision of high access equipment
				Structural repair
				Non-destructive testing
		●		Hydraulic test stand
		●		RAT hydraulic test
				Repair of plumbing, line and hoses
				Waste line cleaning
●	●	●	●	De-icing/anti-icing
				Aircraft dry wash
●	●	●	●	Aircraft exterior cleaning
●	●	●	●	Water disinfection
●	●	●	●	Aircraft disinfection
				Aircraft parking and storage
●	●	●	●	Cycleclean® – engine water wash

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more information

