



Price List Line Maintenance Services

Valid from 01.July 2019

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LHT, FRA T/FS-X32, Issued: 01.07.2019





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1/ Notes

- Lufthansa Technik AG (LHT) // Lufthansa Technik Maintenance International GmbH (LTMI)
- Price List applicable for all German Line Maintenance stations of LHT and all European Line Maintenance network stations of LHT/LTMI where a local price list is not available.
- LHT/LTMI has the full rights to modify at any time this price list without any written notice.
- Delivery subject to availability, specifications subject to change without notice, correction of errors and omissions excepted.
- Actual latest revision can be found on www.lufthansa-technik.com Line Maintenance Services.
- All prices listed are given without value-added tax or other similar taxes that may be added to the price, when required, in accordance with German legislation.
- The charges listed under « Contracted Customer » are only applicable for customers holding a valid IATA SGHA Agreement with LHT or LTMI.
- For non contracted customers a Work Order signed by the authorized customer representative is required before any work commences.
- All charges listed in EURO (€) Currency.

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2/ Aircraft Handling (Part 1)

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Transit Check	300	As contracted	---	---	Event
Daily Check	302	As contracted	---	---	Event
Weekly Check	304	As contracted	---	---	Event
Call In Maintenance	365	As contracted	---	---	Event
Routine NLG wheel change All Aircraft except -A320/B737 -A350 (includes use of Nitrogen/Tools/Man Hours and Ramp Transport)	318	330,00 305,00 360,00	618	430,00 400,00 470,00	Event
Routine MLG wheel change All Aircraft except -B777/A350 -A380 (includes use of Nitrogen/Tools/Man Hours and Ramp Transport)	319	450,00 495,00 535,00	619	590,00 650,00 700,00	Event
Routine Brake replacement, incl. wheel replacement All Aircraft except -B777/A380/A350 (includes use of Nitrogen/Tools/Man Hours and Ramp Transport)	327	690,00 810,00	627	905,00 1.060,00	Event
Temporary personal Assignment per Working Day (8,0 h) (excluding Travel Cost and Travel Time + Daily allowance)	328	1.900,00	628	2.500,00	Day
Station Engineer	350	As contracted	355	300,00	MH
Engineer with special qualifications (NDT, landing gear, borescope, sheetmetal specialist)	357	180,00	---	---	MH
Brake Cooling Unit (max 2h usage per Unit) (where available)	368	700,00	668	860,00	Event
Cockpit window cleaning Wide Body (incl. High Access Working Platform, Consumables and Man Hours)	372	290,00	672	380,00	Event
Cockpit window cleaning Narrow Body (incl. Working Ladder, Consumables and Man Hours)	373	145,00	673	190,00	Event
Stretcher installation or removal	394	550,00	580	time&material	Event

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2/ Aircraft Handling (Part 2)

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Aircraft Push Out (Aircraft < 100t MTOW)	447	165,00	647	220,00	Event
Aircraft Push Out (Aircraft 101t – 200t MTOW)	448	210,00	648	280,00	Event
Aircraft Push Out (Aircraft > 200t MTOW)	449	265,00	649	355,00	Event
Aircraft Towing (Aircraft < 100t MTOW) Maximum duration 60 Minutes	450	360,00	650	450,00	Event
Aircraft Towing (Aircraft 101t – 200t MTOW) Maximum duration 60 Minutes	451	390,00	651	490,00	Event
Aircraft Towing (Aircraft > 200t MTOW) Maximum duration 60 Minutes	452	470,00	652	600,00	Event

2/ Aircraft Handling Non Contracted Customer

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Ad-Hoc Maintenance Support „Call In“ for non contracted customer (incl. first Mh)	---	---	367	900,00	Event
Station Engineer (non contracted customer)	---	---	355	300,00	Mh
Disbursement Charge	---	---	580	+25% of cost price	Event

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3/ Ground Equipment (Part 1)

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Without Operation					
Working- Ladder/Step	425	32,00	625	42,00	Hour
Engine Change Equipment A320 Excluding Engine Stand and Cradle	428	6.570,00	637	8.540,00	Event
Engine Change Equipment A330/A340/B747 Excluding Engine Stand and Cradle	429	8.805,00	638	11.445,00	Event
Aircraft Jacking Set (3 each) Narrow Body B737 / B757 / A320	430	525,00	630	685,00	Hour
Aircraft Jacking Set (up to 4 each) Wide Body A330/A340/A350/B767/B787/B747/MD11/A380	431	680,00	631	885,00	Hour
Wheel Jack < 50t	433	52,00	633	70,00	Hour
Wheel Jack up to 95t	434	115,00	634	150,00	Hour
Salving Support Jack 90t	436	580,00	636	755,00	Hour
High Access Working Platform (> = 3 meters elevation)	441	330,00	641	430,00	Hour
Motorized Working Platform (< = 3 meters elevation)	442	210,00	642	270,00	Hour
Oxygen Supply Car incl. use of Oxygen and Man Hours for filling	445	410,00	645	530,00	Event
Nitrogen Supply Car incl. use of Nitrogen excluding man power	446	190,00	646	250,00	Event
Stationary Ground Power Unit 100KVA	454	150,00	654	200,00	Hour
Airstarter Unit for Wide Body Aircraft	455	350,00	655	455,00	Event
Airstarter Unit for Narrow Body Aircraft	456	278,00	656	350,00	Event
Air Condition Unit	457	420,00	657	545,00	Hour
Cabin Heater	458	260,00	658	340,00	Hour
Tow Bar	459	52,00	659	70,00	Hour

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3/ Ground Equipment (Part 2)

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Mobile Ground Power Unit 100KVA	466	370,00	666	480,00	Hour
Wheel Change Dolly	467	125,00	667	165,00	Hour
Light Mast	481	55,00	681	75,00	Hour
Borescope Equipment	482	500,00	682	650,00	Hour
Refill of Oxygen Bottles (removed from A/C) Crew / Portable Excluding removal and installation Not available at all LHT Line Stations	519	260,00	683	340,00	Event
FMS Loading and Software Update (data loader provided by customer)	460	300,00	660	390,00	Event
FMS Loader and Software Update with Operator	462	375,00	662	490,00	Event
Wali Clean Equipment (for Narrow and Wide Body)	580	7.500,00	580	9.750,00	Event
+ Shipment Cost	580	time&material	580	time&material	Event

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4/ Fluids / Lubricants

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Turbonycoil 600	501	15,50	601	20,00	Ltr
Eastman Turbo 2389	502	23,80	612	32,00	Ltr
MOBIL JET 387	503	23,80	607	32,00	Ltr
MOBIL JET II	504	18,50	604	25,00	Ltr
Eastman Turbo 2380	505	18,50	605	25,00	Ltr
AERO SHELL TURBO OIL 390	506	23,80	606	32,00	Ltr
AERO SHELL TURBO OIL 560	508	18,50	608	25,00	Ltr
Hydraulic Oil PRF-5606 / Mobil Aero HF	509	15,50	609	21,00	Ltr
Eastman Turbo 2197	510	18,50	610	25,00	Ltr
Aeroshell Grease 7	511	25,50	611	33,00	Kg
Hyjet 4/5 / Skydrol	529	29,50	629	40,00	Ltr
Water usage in hangar	533	0,40	635	1,00	Ltr

Miscellaneous Fluids

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Crushed Ice for vacuum toilet line cleaning	514	75,00	614	98,00	Event

Charges may vary from station to station due to local procurement.

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5/ Facilities for all German Stations with the exception of FRA and MUC (Part 1)

Contracted Customer

ACT-Code	Description	Price (€)	Price (€)	Price (€)
Summer 347	Hangar Fee Charges are for min.8.0 hours Hangar Time, additional hangar utilization above the initial 8 hrs. Period will also be charged in segments of 8.0 hours.	Summer Season 01.04. - 31.10. max. 8.0 hrs	Winter Season 01.11. – 31.03. max. 8.0 hrs.	Apron Fee for 8.0 hrs
Winter 348				
349	Apron Fee (minimum 8,0 hours will be charged)			
	Aircraft Type			
	Aircraft with MTOW < 50 t.	1.386,00	1.447,00	478,00
	A320-Series	1.482,00	1.778,00	494,00
	A330 / A340 –Series	3.570,00	4.427,00	1.574,00
	A340-600 / A350-Series	4.443,00	5.510,00	1.959,00
	A380	5.366,00	6.653,00	2.366,00
	B737-Series	1.344,00	1.613,00	448,00
	B757-Series	1.926,00	2.388,00	642,00
	B767-Series	2.430,00	2.916,00	1.071,00
	B787-Series	3.510,00	4.704,00	1.547,00
	B777-Series	4.454,00	5.968,00	1.963,00
	B747-Series	4.686,00	6.888,00	1.865,00
	B747-800	5.375,00	7.902,00	2.140,00
	MD-11	3.270,00	4.806,00	1.301,00
	Aircraft not listed, with MTOW above 50 t. will be charged with listed rate per t. MTOW for 8.0 hours flat.	18,60	26,30	8,50

The above charges listed, are without aircraft towing, but includes wing walker for aircraft hangar positioning, GPU inside the hangar, light, step to access aircraft, hangar crane and in winter season hangar heating.

Non Contracted Customer

The charges listed above will be increased by 50% for customer not holding a valid SGHA Agreement.

Info: Computational examples see last page.





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5/ Facilities only for FRA and MUC (Part 2)

Contracted Customer

ACT-Code	Description	Price (€)	Price (€)	Price (€)
Summer 347	Hangar Fee Charges are for min.8.0 hours Hangar Time, additional hangar utilization above the initial 8 hrs. Period will also be charged in segments of 8.0 hours.	Summer Season 01.04. - 31.10. max. 8.0 hrs	Winter Season 01.11. – 31.03. max. 8.0 hrs.	Apron Fee for 8.0 hrs
Winter 348				
349	Apron Fee (minimum 8,0 hours will be charged)			
	Aircraft Type			
	Aircraft with MTOW < 50 t.	980,00	1.160,00	637,00
	A320-Series	1.976,00	2.509,00	653,00
	A330 / A340 –Series	4.760,00	6.045,00	1.958,00
	A340-600 / A350-Series	5.924,00	7.524,00	2.437,00
	A380	7.154,00	9.086,00	2.942,00
	B737-Series	1.792,00	2.240,00	593,00
	B757-Series	2.568,00	3.262,00	849,00
	B767-Series	3.240,00	4.115,00	1.333,00
	B787-Series	4.680,00	5.944,00	2.302,00
	B777-Series	5.938,00	7.541,00	2.921,00
	B747-Series	5.641,00	7.164,00	2.775,00
	B747-800	6.471,00	8.219,00	3.184,00
	MD-11	3.936,00	4.999,00	1.936,00
348/ 349	Aircraft not listed, with MTOW above 50 t. will be charged with listed rate per t. MTOW for 8.0 hours flat.	26,20	33,00	11,00

The above charges listed, are without aircraft towing, but includes wing walker for aircraft hangar positioning, GPU inside the hangar, light, step to access aircraft, hangar crane and in winter season hangar heating.

Non Contracted Customer

The charges listed above will be increased by 50% for customer not holding a valid SGHA Agreement.

Info: Computational examples see last page.





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5/ Facilities (Part 3)

Hangar Space Cancellation Fees

If a Hangar Space reservation is cancelled by the customer, a cancellation fee applies. The fee is related to the lead time of cancellation.

Lead time of cancellation	Fee (as a fraction of the reservation period) Capping at the equivalent charge for 72 hrs.
14 days	10% of reservation period
7 days	30% of reservation period
24 hrs	80% of reservation period

Engine Test Run/Silencer Facilities

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Use of Run Up Noise Protection Area according local requirement applicable at FRA only	550	1.700,00	580	2.200,00	Event
Use of Noise Protection Hangar according local requirement applicable at HAM only	550	1.600,00	580	2.100,00	Hour
Use of Engine Run Up Area	553	450,00	580	600,00	Hour

Disposal Costs (only for Non Contracted Customer)

Description	Contracted Customer		Non Contracted Customer		Unit
	ACT Code	Price (€)	ACT Code	Price (€)	
Disposal Basic Fee	---	---	580	300,00	Event
Used Oil, Kerosene	---	---	580	10,00	Ltr
Chemicals, Solvent, Color and Varnish	---	---	580	20,00	Ltr
Flouresenct Tube	---	---	580	10,00	Piece

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6/ Engineering Services

ACT Code	Description	Price (€)	Unit
375	Engineering Support out of FRA / HAM	250,00	Hour
374	EASA Part-21J Engineering Support Issuing of CRAS (Change/Repair Approval Sheet, type "minor" only) on request, per event and sheet issued. Does not include: • any manufacturer support required • Additional engineering hours required for investigation and clarification, same will be charged according ACT Code 375	6.800,00	Event

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7/ Material Management (Part 1)

ACT Code	Description	Price (€)	Unit
Storage:			
391	Basic Storage Fee	150,00	Month
	Spare Part Storage (per part number)		Month
	Nbr	1 2 3 4 5 6 7 8 9	
	0	65 87 109 131 153 175 197 219 241	
	10	261 281 301 321 341 361 381 401 421 441	
	20	459 477 495 513 531 549 567 585 603 621	
	30	637 653 669 685 701 717 733 749 765 781	
	40	795 809 823 837 851 865 879 893 907 921	
	50	935 Each subsequent part number, additional 14,00 EUR	
	<i>Example for Storage of 15 part numbers : 361+150=511EUR/Mth</i>		
	Wheels / Brakes per Item	70,00	ea. monthly

391	Temporary Storage in Hangar area outside logistic storage facilities	20,00	Per sqm and per day
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Handling:			
393	Material Shipping/Receiving per 1 part number	80,00	per part handled
	Additional charge for each component above 40 kg	75,00	per item

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7/ Material Management (Part 2)

Sale of consumable Material:

Contracted Customer			
523	Parts below or equal 100,00 EUR list price: Sale of consumable Material will be subject to a handling charge as following:	32,00€ On top of LHT material list price	Per Part Number or P/N set provided
523	Parts above 100,00 EUR list price: Sale of consumable Material will be subject to a handling charge as following:	35 % On top of LHT material list price	Per Part Number or P/N set provided
Non Contracted Customer			
523	Minimum Administration/Handling Fee per each single Sale order of LHT Stock Available Material.	400,00€ on top of LHT material list price	Per Part Number or P/N set provided

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8/ Non Cold De-/Anti-Icing of Aircraft

NON COLD Customers

Station	Equipment per Event				Variable Cost per Event		
	Aircraft Category 1	Aircraft Category 2	Aircraft Category 3	Aircraft Category 4	Fluid per Litre	Hot Water per Litre	Disposal Fee per Litre Fluid
	ACT 338	ACT 338	ACT 338	ACT 338	ACT 340	ACT 341	ACT 334
	EUR	EUR	EUR	EUR	EUR	EUR	EUR
BRE	376,-	878,-	1753,-	2633,-	6,25	0,20	0,10
CGN	387,-	812,-	1622,-	2438,-	6,75	0,20	0,70
STR	503,-	1167,-	2339,-	3523,-	6,55	0,20	0,30

A/C Cat	Definition of Aircraft Categories	MTOW (t)
1	incl. and up to King Air 350 / Beech 1900 / EMB120 and similar Aircraft	< 5,7
2	CRJ / ATR42 / ATR72 / EMB170-195 / F50 / F100 / DH8 / Bae146 / B737 / B717 / A320 Fam. / MD8 and similar A/C	5,8 - 100
3	A300 / A310 / B757 / B767 and similar Aircraft	101 - 200
4	A330 / A340 / A350 / MD11 / L1011 / B747 / B777 / B787 / and similar Aircraft	201 - 400
5	A380 and similar Aircraft	401 - open

Note: Reduced conditions for COLD Pool Members apply as contracted.

Definition of Winter Season:

The winter season starts 1st October of the present calendar year and ends 30th April of the forthcoming calendar year.

ACT Code	Description	Price (€)	Unit
335	Hands on Check - subject to qualification and customer procedure training. - equipment, if required, will be charged in addition.	115,00	Event

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9/ Cyclean Engine Water Wash

Cyclean Engine Water Wash – This product is available at all German LHT stations as well as at selected locations in Europe, North America, Asia and Australia. For further information please contact cyclean@lht.dlh.de

10/ Computational Examples

Hangar space invoice examples

- Contracted customer (e.g. Hangar STR for 1 day – Summer)

Summer Saison / AC Type A330 / Hangar Fee 3.570,00€

$3.570,00€ \times 3 = 10.710,00€$ (3 x 8 hours)

- Non contracted customer AOG (e.g. Hangar STR for 8 hours – Summer)

Summer Saison / AC Type A330 / Hangar Fee 3.570,00€

$3.570,00 \times 50\% = 1.785,00€$ (non contracted surcharge)

$3.570,00€ + 1.785,00€ = 5.355,00€$

