

대한민국
국토교통부
The Republic of Korea
Ministry of Land, Infrastructure and Transport

정비조직인증서
APPROVED MAINTENANCE ORGANIZATION CERTIFICATE

1. 인증서 번호 : 2005-AMO-F05
Certificate Number

2. 사업자 명칭 : Lufthansa Technik AG
Title of Approved Maintenance Organization

3. 사업자 주소 : HAM TQ31, Weg beim Jaeger 193 22335 Hamburg, Germany
Address

4. 본 증명서는 상기 정비조직인증을 발급받은 사업자가 「항공안전법」 제97조 및 같은 법 시행규칙 제272조에 따라 정비조직인증기준에 적합한 것으로 판명됨에 따라 아래와 같은 한정 내에서 인가된 정비조직을 운영하는 것을 승인합니다.

Upon finding that its organization complies in all respects with the requirements of Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act an Approved Maintenance Organization and is empowered to operate an Approved Maintenance Organization with the following ratings.

5. 한정사항 : 세부적인 한정사항은 운영기준에 명기합니다.
Ratings : The detailed ratings are specified in the Operations Specification.

6. 유효기간 : 2018.7.10. ~ 2020.7.09.
Validity period

[] 이 정비조직인증서는 양도될 수 없으며 일시 자격정지 또는 무효화되거나 반납하지 않는 한 무기한 유효함

This certificate is not transferable and shall continue in effect unless it is suspended, revoked, or surrendered.

[√] 이 정비조직인증서는 양도될 수 없으며 일시 자격정지 또는 무효화되거나 반납하지 않는 한, 발행일로부터 2020년 7월 9일까지 유효함.

This certificate is not transferable and shall continue in effect until July.09.2020 unless it is suspended, revoked, or surrendered.

발행일 : 2018년 7월 10일
Date of Issuance

서울지방항공청장



Administrator of Seoul Regional Office of Aviation

Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

PART A. General

Table of Contents

No.	Title	Original Issue Date	Effective Date	Amendment No.
A001	Issuance and Applicability	Feb. 04, 2005	Jul 10, 2018	10
A002	Definitions and Abbreviations	Feb. 04, 2005	Jul 10, 2018	8
A003	Ratings and Limitations	Feb. 04, 2005	Oct 18, 2018	12
A004	Summary of Special Authorizations and Limitations	Feb. 04, 2005	Jul 10, 2018	8
A005	Exemptions	Not Used	Not Used	
A007	Designated Persons	Feb. 04, 2005	Jul 10, 2018	8
A101	Additional Fixed Locations	Mar. 13, 2017	Jul 10, 2018	1

Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

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A001	Issuance and Applicability
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- a. These operations specifications are issued to Lufthansa Technik AG, a foreign Approved Maintenance Organization(AMO), pursuant to Article 97 of Aviation Safety Act, Article 272 of Aviation Safety Act Enforcement Regulation and Section 6.2.2 of Flight Safety Regulations(FSR). The AMO certificate holder shall conduct operations in accordance with FSR Part 6 and these operations specifications.

The certificate holder's address:

Fixed Location : Weg beim Jaeger 193, D-22335 Hamburg, Germany

- b. The holder of these operations specifications is the holder of Certificate Number 2005-AMO F05 and shall hereafter be referred to as the certificate holder.
- c. These operations specifications are issued as part of this Approved Maintenance Organization Certificate, and in effect until July 09, 2020 unless sooner surrendered, suspended or revoked
- d. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

Delegated authorities: None

1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack

Director of Airworthiness Division

3. Date Approval is effective : Jul 10, 2018

Revision Number : 10

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger

Accountable Manager

Date

Issue Date : Feb. 04, 2005	A001 - 1	Revision Date: Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

A002	Definitions and Abbreviations
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Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meaning to those used in the Aviation Safety Act and Flight Safety Regulations Part 6, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

Bilateral Aviation Safety Agreement (BASA)	An executive agreement conclude between Korea and a foreign country for purpose of promoting aviation safety; also Known as an Agreement for the Promotion of Aviation Safety
MOLIT	Ministry of Land, Infrastructure and Transport
Certificate Holder	In these operations specifications the term "certificate holder" shall mean the holder of the approved maintenance organizations certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate
FSR	Flight Safety Regulations
Class Ratings	As use with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics
Domestic AMO	A certificated approved maintenance organization located in Republic of Korea
Exemption	An Authorization that permits an alternate means of compliance with a specific FSR.
MOLIT Accountable Manager	A person designated by the AMO who is responsible for and has authority over all AMO's operations that are conducted under FSR part 6, including ensuring that the AMO's personnel follow the regulations and serving as the primary contact with MOLIT.
Form 98	The Enforcement Regulation of Aviation Safety Act Form 98 is for the new application of AMO and change to its certificate. If the certificate holder changes the location of the AMO, or request to add or amend a rating, the holder shall use the Form.
Foreign AMO	An AMO located outside of the Republic of Korea
AMOPM	Approved Maintenance Organization Procedures Manual
Limited Ratings	Rating issued to AMOs for the performance of maintenance on particular makes and models of airframes, engines, components and/or parts
Limited Ratings - Specialized Service	Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Head of MOLIT

Issue Date : Feb. 04, 2005	A002 - 1	Revision Date: Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

Line Maintenance	Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
Preventive Maintenance	As defined in section 6.1.3 (h) of FSR Part 6
Substantial Maintenance	Any activity involving a C-check(routine airframe maintenance) of greater maintenance; any engine maintenance requiring case separation or teardown; and/or major alterations or major repairs performed on airframes, engines, or propellers.

1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack

Director of Aircraft Inspection Division

3. Date Approval is effective : Jul 10, 2018

Revision Number : 8

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger

Accountable Manager

Date :

Issue Date : Feb. 04, 2005	A002 - 2	Revision Date: Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

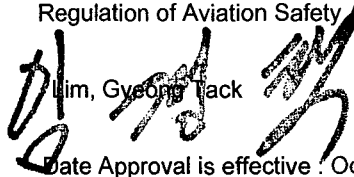
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A003	Ratings and Limitations
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a. The Certificate Holder is authorized the following Ratings and/or Limitations.

CLASS	RATING	LIMITATION
Airframe	A1 (Airplane above 5,700kg)	B747 series, B777 series, A380 series (Limited line maintenance authorization only per D107)
		A319 series (Base Maintenance)
Engine	B1 (Turbine Engine)	CF6-80C2, CFM56 series, IAE V2500-A5 series, CF34 series (Maintenance, preventative maintenance and alteration including overhaul)
APU	B3 (Auxiliary Power Unit)	APS3200, HGT1700 (Maintenance, preventative maintenance and alteration including overhaul)
Components /parts	C1~C9 C12~C15 C17~C20	As Listed in the Lufthansa Technik AG capability list
Specialized Service	D1	<p>All Nondestructive Testing personnel will be qualified and certificated in accordance with NAS-410 or equivalent as revised. In addition, all work will be performed in accordance with the manufacture's technical data and instruction.</p> <ul style="list-style-type: none"> - Penetrant testing - Eddy current inspection - Magnetic testing - Ultrasonic inspection - Radiographic inspection

1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.


 Lim, Gyeongjaek

Director of Airworthiness Division

3. Date Approval is effective : Oct.18. 2018

Revision Number : 12

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger

Accountable Manager

Date :

Issue Date : Feb. 04, 2005	A003 - 1	Revision Date: Oct 18, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

A004	Summary of Special Authorizations and Limitations
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The Certificate Holder, in accordance with the reference paragraph, is authorized to :

Reference Paragraphs	Special Authorizations and Limitations
D100	Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.
D107	Perform line maintenance functions that apply only to the certificate holders conducting air carrier operations under Article 97 of Aviation Safety Act and for foreign air carriers or foreign persons operating a Korea-registered aircraft in common carriage under Article 90 of Aviation Safety Act.

1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack

Director of Airworthiness Division

3. Date Approval is effective : Jul 10, 2018

Revision Number : 8

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stuüger

Accountable Manager

Date :

Issue Date : Feb. 04, 2005	A004 - 1	Revision Date: Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

A007	Designated Persons
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- a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Title	Name	Parts Authorized
Accountable Manager	Thomas Stüger	A, D
Quality Management Regulatory Compliance & Authorities Liaison (Senior Engineer)	Sven Arenemann	A, D

1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack

Director of Airworthiness Division

3. Date Approval is effective : Jul 10, 2018

Revision Number : 8

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger

Accountable Manager

Date :

Issue Date : Feb. 04, 2005	A007 - 1	Revision Date: Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

A101	Additional Fixed Locations
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- a. The certificate holder may perform work at the following additional fixed locations listed in Table 1, provided it has the facilities, material, equipment and technical personnel to perform the work

Table 1

Additional Location Addresses
Lufthansa Technik AERO Alzey
Rudolf-Diesel-Straße 10, 55232, Alzey Germany

- b. This authorized the certificate holder to use multiple locations to perform its operations under a single certificate.
- c. This authorization does not constitute a geographic authorization for work performed at another location.
- d. The certificate holder may perform continuous operations at the facilities listed in Table 1 above.
- e. All the authorizations and exemptions authorized for the certificate holder apply at these locations, as applicable.

-
1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
 2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack

Director of Airworthiness Division

3. Date Approval is effective : Jul 10, 2018

Revision Number : 1

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger

Accountable Manager

Date :

Issue date : <u>Mar 13, 2017</u>	A101	Revision Date : Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

Table of Contents

PART D. Additional Maintenance Authorizations & Limitations

No.	Title	Original Issue Date	Effective Date	Amendment No.
D100	Work to be performed at a place other than the Approved Maintenance Organization Fixed Location	Feb. 04, 2005	Jul 10, 2018	7
D107	Line Maintenance Authorization	July 17, 2014	Jul 10, 2018	3

Issue date : Feb 04,2005	D -1	Revision date : Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

D100	Work to be performed at a place other than the Approved Maintenance Organization Fixed Location
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a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001 of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

Work Authorized	AMOPM
Maintenance and Preventive Maintenance As authorized in Operations Specifications	Lufthansa Technik AMOPM 1.1.23

b. The certificate holder may not perform continuous operation at a facility other than the station's Fixed Locations listed in paragraph A001.

c. Work may be to a special circumstance or on a recurring basis. If on a recurring basis, the AMO must have procedures in its manual.

1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack

Director of Airworthiness Division

3. Date Approval is effective : Jul 10, 2018

Revision Number : 8

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger

Accountable Manager

Date :

Issue Date : Feb. 04, 2005	D100 - 1	Revision Date: Jul 10, 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

D107	Line Maintenance Authorization
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- a. The certificate holder is authorized to perform line maintenance functions that apply only to the certificate holders conducting air carrier operations under Article 97 of Aviation Safety Act and for foreign air carriers or foreign persons operating a Korea-registered aircraft in common carriage under Article 90 of Aviation Safety Act and listed in Table 1 below.
- b. Line maintenance may be performed for the listed air carriers at the following location(s) listed in Table 1 below, provided the certificate holder has the facilities, equipment, trained personnel, and technical data to perform such line maintenance.

Table1- Line Maintenance Limitations.

Name of Air Carrier	Air Carrier Three-Letter Designator	Aircraft M/M	ICAO Airport Identifier and Name of Airport	Physical Address Where Line Maintenance is Being Performed	Line Maintenance Limitation(s)
Korean Airlines	KAL	B747-400/8 B777-200/300/ER/F A380-800	EDDF Frankfurt International Airport	Frankfurt Airport 60546 Frankfurt/Main Germany	In accordance with Agreement with Air Carrier
Korean Airlines	KAL	B747-8	WSSS Singapore Changi Airport	Changi Airport Airport Blvd Singapore	In accordance with Agreement with Air Carrier
Asiana Airlines	AAR	B747-400/F B777-200 A380-800	EDDF Frankfurt International Airport	Frankfurt Airport 60546 Frankfurt/Main Germany	In accordance with Agreement with Air Carrier
Asiana Airlines	AAR	B747-400F	EBBR Brussels National Airport	Oude Haachtsesteenweg 117D 1820 Steenkerkezeel-Melsbroek Belgium	In accordance with Agreement with Air Carrier

c. Other Limitations and Provisions

- (1) This Line Maintenance Authorization does not constitute a rating. The certificate holder must be appropriately rated for the type of work performed under a limited rating or class rating to perform inspections and minor maintenance associated with this Line Maintenance Authorization.
- (2) All the applicable authorizations and exemptions authorized for the certificate holder apply at the locations listed in Table 1 above.
- (3) The certificate holder may perform continuous line maintenance operations at the facilities listed in Table 1 above. Work away from any line maintenance facility listed in Table 1 above is not authorized.

Issue date : July 17, 2014	D107 -1	Revision Date : Jul 10 2018
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Republic of Korea Ministry of Land, Infrastructure and Transport	Operations Specifications	AMO Certificate Number
		2005-AMO F05

Lufthansa Technik AG

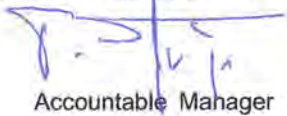
- (4) The certificate holder must perform the line maintenance authorized by this operations specification in accordance with the applicable sections of the maintenance program and manuals of the certificate holders listed in Table 1
- (5) The MOLIT will only recognize line maintenance authorizations for line maintenance facilities located within the country, when the repair station has shown a need to maintain Korea-registered aircraft at locations listed in Table 1 above.

- 1. Issued by Administrator of Seoul Regional Office of Aviation (SROA).
- 2. These Operations Specifications are Issued by Article 97 of Aviation Safety Act and Article 272 of Enforcement Regulation of Aviation Safety Act.

Lim, Gyeong Tack  Director of Airworthiness Division

3. Date Approval is effective : Jul 10, 2018 Revision Number : 3

4. I hereby accept and receive the Operations Specifications in the paragraph.

Thomas Stüger  Accountable Manager Date :