



AIRCRAFT MAINTENANCE ORGANISATION APPROVAL CERTIFICATE

in terms of the
CIVIL AVIATION REGULATIONS, 2011.

AMO NUMBER: 0803

EXPIRY DATE: 31/07/2026

AMO CATEGORY RATING: B D X NDT Spec

NAME OF CERTIFICATE HOLDER: Lufthansa Technik

PHYSICAL ADDRESS OF
CERTIFICATE HOLDER: Company Lufthansa Technik
Lufthansa Technik AG (LHT)
193, Weg Beim Jaeger
22335 Hamburg
GERMANY

COMPANY REGISTRATION: HRB 56865

The organisation is hereby authorised to operate as an Aircraft Maintenance Organisation. The Operations Specification (Ops Specs) is attached hereto as part of the approval issued to the above organisation and should be treated as part of the legal requirements. The organisation may only exercise privileges as stipulated in its specific operating specifications.

I hereby certify that the holder of this certificate of approval has been duly approved in accordance with part 145 of the South African Civil Aviation Regulations, 2011. This certificate shall continue in effect unless cancelled, suspended, revoked or expired. This certificate is not transferable.



For: DIRECTOR OF CIVIL
AVIATION


DEAN KHUMALO

NAME IN BLOCK LETTERS



22 JULY 2024



DATE OF ISSUE

OPERATIONS SPECIFICATIONS FOR AIRCRAFT MAINTENANCE ORGANISATIONS



Name of Organisation		Lufthansa Technik			
Approval Number	SACAA.OPSSPEC.08 03	Opspecs Revision status	16		
PART A	TABLE OF CONTENTS, LIST OF EFFECTIVE PAGES, AND RATINGS AUTHORITY				
Table of Contents	List of effective Pages	Page revision	Effective date	Authorized	Unauthorized or N/A
Table of Contents, LEP's & Rating authority	Page 1	16	05/07/2024	X	
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Category B-Ratings	Page 4	16	05/07/2024	X	
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Category E-Ratings	Page 7				X
Category W-Ratings	Page 8				X
Category X-Ratings	Page 9	16	05/07/2024	X	
Limited Rating	Page 10	16	05/07/2024	X	
Exemption and deviation Authority	Page 11				X
Satellite Facilities & Line station Ratings	Page 12	16	05/07/2024	X	
Notes:					
a	These specific operating provisions are issued as part of this Approved Maintenance Organisation Certificate, and are in effect as of the Effective Date.				
b	The Opspecs may be customised to better suit the organisation approval. This may be done by deleting all sections that are not applicable; however Part A of this Opspecs has to account for these Ratings as not applicable.				
c	The signatures below indicates acceptance of these provisions by the AMO, and confirmation to abide and comply with the limitations as imposed. The Director of Civil Aviation reserves the right to amend, revoke and alter these Specification at any given time should circumstances warrant such.				
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.					
		TEDE MUENZBERG		11/07/2024	
SIGNATURE OF AMO REPRESENTATIVE		NAME IN BLOCK LETTERS		DATE	
JOB TITLE					



PART B	DEFINITIONS AND ABBREVIATIONS
Unless otherwise defined in these operation specifications provisions, all words, phrases, definitions, and abbreviations have identical meanings to those used in the South African Civil Aviation Regulations and Civil Aviation Act, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications provisions.	
AMO	Aircraft Maintenance Organisation
AMP	Aircraft Maintenance Programme
SACAA	South African Civil Aviation Authority
CAR	Civil Aviation Regulations
MOP	Manual of Procedure
Certificate Holder	In these operation specifications provisions the term “certificate holder” shall mean the holder of an aircraft maintenance organisation certificate, issued in terms of Part 145 of the South African Civil Aviation Regulations of 2011 as amended.
Rating	Means an authorization entered on or associated with an AMO approval and forming part of such approval, stating special conditions, privileges or limitations relating to such approval. Privileges are defined in CAR 145.
Maintenance	Means the performance of tasks required to ensure the continuing airworthiness of an aircraft, including any one or combination of overhaul, inspection, replacement, defect rectification, and the embodiment of a modification or repair.
Category	Classification of aircraft maintenance activities into airframe maintenance (Cat ‘A’), Airframe components, equipment and accessories maintenance (Cat ‘B’), engines onwing maintenance (Cat. ‘C’), engine/components overhaul (Cat ‘D’), Maintenance on rotorcraft and their engines (Cat ‘E’), aircraft avionic installations (Cat ‘W’ class 1, 2 & 3), avionic equipment overhaul (Cat. ‘X’, class 1, 2 & 3), propeller (class X4), and welding processes (class X5).
Deviation Authority	An authorisation that permits an alternate means of compliance with CAR. The deviation authority must meet the procedural requirements of SA-CAR Part 11.
Limitation	A restriction imposed on the corresponding rating based on the AMO capability.
Limited Rating	Rating issued to an AMO that maintains or repairs only a particular type of radio, instrument, or accessory, or part thereof, or performs only specialized maintenance requiring equipment and skills not ordinarily performed under other AMO ratings. Such a rating may be limited to a specific model or constituent part, or to any number of parts made by a particular manufacturer and shall be restricted to those items listed on an approved capability listing as defined in CAR 145.01.6 (h)
Capability List	A document compiled by the AMO and approved by the SACAA, which details a comprehensive list of all the components/equipment that the AMO is capable of maintaining. <i>Note: This list is mandatory for category ‘B’, ‘D’ and ‘X’, unless such list of components and repair limitations can be accommodated in the space provided.</i>
Special processes	A set of interrelated or interacting activities which transforms inputs into outputs. Examples are: NDT, Electro Plating, Plasma Spraying, etc.
Satellite Facility	Means any facility used for the performance of maintenance under part 145 approval but is located at another location than the principal place of business (main base) but is an integral part of the organization
Line Station	For the purpose of this document, means any maintenance facility that is utilized to perform any action that is mandatory, or is required to be performed on an aircraft for the purposes of a turn around, or a route check, or a transit check and is limited to defects rectification repairable by replacement of line replaceable units.
Class	Means classes of aircraft, engines and items of equipment as defined in SA-CATS-145.01.7.6



PART C		CATEGORY A – RATINGS									
LIMITATIONS OF CAT A RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify as per AMP: Can only certify work accomplished as stipulated in the AMP (Limited to A, B, C or D checks or block checks or MPI's only) 3. Certify assembly: Can only certify assembly of an aircraft airframe with any adjustment or minor modification on that airframe 4. Certify installation: Can only replace or install completed subassemblies/equipment/components on the airframe 5. Certify safe for flight: CAN ONLY RELEASE FOR A TEST OR FERRY FLIGHT.											
CLASS		MANUFACTURER			MAKE/MODEL			LIMITATIONS			
<h1>Unauthorized</h1>											
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.											
		TEDE MUENZBERG			11/07/2024						
SIGNATURE OF AMO REPRESENTATIVE		NAME IN BLOCK LETTERS			DATE						
JOB TITLE							AMO No.		0803		
I hereby approve the Operations Specifications contained in this paragraph.											
Date approval is effective:		05/07/2024						Revision Number:		16	
		Lobang Thabantso Senior Manager: Airworthiness (Act)			10/07/2024						
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER		NAME IN BLOCK LETTERS			DATE						



PART D		CATEGORY B – RATINGS							
LIMITATIONS OF CAT B RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify Overhaul: Can only certify overhaul, repair and modifications on airframe components as per the Capability list. This does not include D, X and W rating items. 3. Certify manufacturer: Certify components and parts manufactured in accordance with the appropriate approved specifications as prescribed in <u>Part 21</u> , if the manufacturing of the components and parts is necessary for the holder of the approval to complete a repair, modification or overhaul on a particular airframe component. This does not include D, X and W rating components. (This will be covered by the Capability List as well).									
CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS	CAPABILITY LIST					
8	AIRBUS	A320 Family	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		A330-200/-300	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		A340-200/-300	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		A340-500/-600	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		A350-900/1000	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
	BOEING	B737-600	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		B737-700	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		B737-800	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
		B737-900	Release to Service and or Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM and FRA)					
APU	APIC	APS 2300	Full Release to Service and Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM)					
		APS 3200	Full Release to Service and Certify Overhaul	AS PER APPROVED CAPABILITY LIST (HAM)					
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.									
		TEDE MUENZBERG		11/07/2024					
SIGNATURE OF AMO REPRESENTATIVE		NAME IN BLOCK LETTERS		DATE					
JOB TITLE				AMO No.	0803				
I hereby approve the Operations Specifications contained in this paragraph.									
Date approval is effective:		05/07/2024		Revision Number:	16				
		d	d	m	m	y	y	y	y
		Lobang Thabantso Senior Manager: Airworthiness (Act)			10/07/2024				

SIGNATURE OF SM: AIRWORTHINESS OR MANAGER	NAME IN BLOCK LETTERS	DATE
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PART E	CATEGORY C – RATINGS									
LIMITATIONS OF CAT C RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify as per AMP: Can only certify work accomplished as stipulated in the AMP (Limited to A, B, C or D checks or block checks or MPI's only, this would be specific to the Engine and/or Propellers) 3. Certify assembly: Can only certify any adjustment and/or minor modification and/or maintenance and/or replacement of external components performed on engines and/or propellers whilst fitted on a particular aeroplane 4. Certify installation: Certify the installation of Engines and/or propellers/engine subassemblies/engine external components 5. Certify safe for flight: Can only release an engine for a test or ferry flight.										
CLASS	MANUFACTURER				MAKE/MODEL				LIMITATIONS	
<h1>Unauthorized</h1>										
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.										
				TEDE MUENZBERG				11/07/2024		
SIGNATURE OF AMO REPRESENTATIVE				NAME IN BLOCK LETTERS				DATE		
JOB TITLE								AMO No.		0803
I hereby approve the Operations Specifications contained in this paragraph.										
Date approval is effective:		05/07/2024						Revision Number:		16
		d	d	m	m	y	y	y	y	
				Lobang Thabantso Senior Manager: Airworthiness (Act)				10/07/2024		
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER				NAME IN BLOCK LETTERS				DATE		



PART F	CATEGORY D - RATINGS									
LIMITATIONS OF CAT D RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify Overhaul: Can only certify overhaul, repair and modifications on an Engine and/or engine accessories as per the Capability list. This does not include B, X and W rating components. (All Avionic and Electrical components). 3. Certify manufacturer: certify components and parts manufactured in accordance with the appropriate approved specifications as prescribed in <u>part 21</u> , if the manufacturing of the components and parts is necessary for the engine type on the certificate holder's approval, in order to complete a repair, modification or overhaul on a particular engine. this does not include B, X and W rating components. (This will be covered by the capability list as well).										
CLASS	MANUFACTURER		MAKE/MODEL		LIMITATIONS		CAPABILITY LIST			
05	CFM International		CFM 56-5 Series		Full Release to Service		AS PER APPROVED CAPABILITY LIST (HAM)			
			CFM56-7B		Full Release to Service		AS PER APPROVED CAPABILITY LIST (HAM)			
	General Electric (GE)		CF6-80 Series		Full Release to Service		AS PER APPROVED CAPABILITY LIST (HAM)			
	International Aero Engines (IAE)		V2500 Series		Full Release to Service		AS PER APPROVED CAPABILITY LIST (HAM)			
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.										
			TEDE MUENZBERG			11/07/2024				
SIGNATURE OF AMO REPRESENTATIVE			NAME IN BLOCK LETTERS			DATE				
JOB TITLE							AMO No.		0803	
I hereby approve the Operations Specifications contained in this paragraph.										
Date approval is effective:		05/07/2024						Revision Number:		16
		d	d	m	m	y	y			
			Lobang Thabantso Senior Manager: Airworthiness (Act)			10/07/2024				
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER			NAME IN BLOCK LETTERS			DATE				

PART G		CATEGORY E – RATINGS			
LIMITATIONS OF CAT E RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify as per AMP: Can only certify work accomplished as stipulated in the AMP (Limited to A, B, C or D checks or block checks or MPI's only, this would be specific to the Rotorcraft) 3. Certify assembly: Can only certify the assembly of Rotorcraft with any adjustment or minor modification on that Rotorcraft. 4. Certify installation: Can only replace or install completed subassemblies/equipment/components. This does not include X and W rating components. 5. Certify safe for flight: Can only release for a test or ferry flight.					
CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS		
<h1>Unauthorized</h1>					
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.					
		TEDE MUENZBERG		11/07/2024	
SIGNATURE OF AMO REPRESENTATIVE		NAME IN BLOCK LETTERS		DATE	
JOB TITLE				AMO No.	0803
I hereby approve the Operations Specifications contained in this paragraph.					
Date approval is effective:		05/07/2024			Revision Number:
		d	d	m	m
		y	y	y	y
					16
		Lobang Thabantso Senior Manager: Airworthiness (Act)		10/07/2024	
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER		NAME IN BLOCK LETTERS		DATE	



PART H	CATEGORY W – RATINGS										
LIMITATIONS OF CAT W RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify as per AMP: Can only certify work accomplished as stipulated in the AMP (Limited to A, B, C or D checks or block checks or MPI's only, this would be specific to the Aircraft, Engine or Rotorcraft) 3. Certify minor maintenance: Can only certify adjustment or minor modification on those specific W rating components and W rating work on aircraft. The approval will be limited to specific aircraft and engine types, and those specific components that can be covered by the Organisation approval. (This will be covered by the Capability List as well) 4. Certify installation: Can only replace or install completed subassemblies.											
CLASS	MANUFACTURER				MAKE/MODEL			LIMITATIONS			
<h1>Unauthorized</h1>											
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.											
				TEDE MUENZBERG			11/07/2024				
SIGNATURE OF AMO REPRESENTATIVE				NAME IN BLOCK LETTERS			DATE				
JOB TITLE							AMO No.		0803		
I hereby approve the Operations Specifications contained in this paragraph.											
Date approval is effective:		05/07/2024						Revision Number:		16	
		d	d	m	m	y	y	y	y		
				Lobang Thabantso Senior Manager: Airworthiness (Act)				10/07/2024			
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER				NAME IN BLOCK LETTERS				DATE			



PART I	CATEGORY X – RATINGS			
LIMITATIONS OF CAT X RATING MAY BE AS FOLLOWS: 1. Release to Service (Full): All the listed below 2. Certify Overhaul: Can only certify overhaul, repair and modified Airframe, Rotorcraft and Engine components as per the Capability list. These are X rating components only. (All Avionic and Electrical components). 3. Certify manufacturer: Certify components and parts manufactured in accordance with the appropriate approved specifications as prescribed in <u>Part 21</u> , if the manufacturing of the components and parts is necessary for the holder of the approval to complete a repair, modification or overhaul on a particular component/ subassembly/ aircraft/ engine. This does not include B and D rating components. (This will be covered by the Capability List as well).				
CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS	CAPABILITY LIST
X1, X2, X3	AIRBUS	A320 Family	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		A330-200/-300	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		A340-200/-300	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		A340-500/-600	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		A350-900/1000	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
	BOEING	B737-600	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		B737-700	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		B737-800	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
		B737-900	Full Release to Service	AS PER APPROVED CAPABILITY LIST (HAM AND FRA)
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.				
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		TEDE MUENZBERG		11/07/2024			
SIGNATURE OF AMO REPRESENTATIVE		NAME IN BLOCK LETTERS		DATE			
JOB TITLE				AMO No.	0803		
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Date approval is effective:		05/07/2024				Revision Number:	16
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		Lobang Thabantso Senior Manager: Airworthiness (Act)		10/07/2024			
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER		NAME IN BLOCK LETTERS		DATE			

PART J	LIMITED RATINGS									
For specialised services the operations specifications must contain the specification used to perform the specialized service. The specification may be— <ol style="list-style-type: none"> 1. A civil or military specification currently used by industry and approved by the Director; or 2. A specification developed by the applicant and approved by the Director. 										
PROCESS		DESCRIPTION			REFERENCE STANDARD			LIMITATIONS		
(Bonding)		Rubber Application			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(Painting)		Engine Components			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(PLASMA SPRAY)		Thermal Spray			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(Plating)		Plating			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(SURFACE TREATMENT)		Shot peening			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(X5(Welding))		Welding			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(NDT)		Eddy Current Inspection			AS PER OEM Instructions			To certify and/or Release to Service (HAM)		
(NDT)		Flourescent Penetrant Inspection			ASTM-E-1417			To certify and/or Release to Service (HAM)		
(NDT)		Magnetic Particle Inspection			ASTM-E-1444			To certify and/or Release to Service (HAM)		
(NDT)		Radiography			ASTM-E-1742			To certify and/or Release to Service (HAM)		
(NDT)		Thermography Inspection			As Per OEM Instructions			To certify and/or Release to Service (HAM)		
(NDT)		Ultrasonic Inspection			As per OEM Instructions			To certify and/or Release to Service (HAM)		
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.										
				TEDE MUENZBERG				11/07/2024		
SIGNATURE OF AMO REPRESENTATIVE				NAME IN BLOCK LETTERS				DATE		
JOB TITLE								AMO No.		0803
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		d	d	m	m	y	y	y	y	
				Lobang Thabantso Senior Manager: Airworthiness (Act)				10/07/2024		

SIGNATURE OF SM: AIRWORTHINESS OR MANAGER	NAME IN BLOCK LETTERS	DATE
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PART K	EXEMPTION & DEVIATION AUTHORITY		
The certificate holder is authorised to perform operations in accordance with the provisions, conditions, and/or limitations set forth in the following deviations listed in the table below.			
DEVIATION DESCRIPTION	DATE OF INCEPTION	DATE OF TERMINATION	REMARKS/REFERENCE
<h1>Unauthorized</h1>			
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.			
	TEDE MUENZBERG	11/07/2024	
SIGNATURE OF AMO REPRESENTATIVE	NAME IN BLOCK LETTERS	DATE	
JOB TITLE		AMO No.	0803
I hereby approve the Operations Specifications contained in this paragraph.			
Date approval is effective:	05/07/2024 d d m m y y y y	Revision Number:	16
	Lobang Thabantso Senior Manager: Airworthiness (Act)	10/07/2024	
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER	NAME IN BLOCK LETTERS	DATE	

PART L		SATELLITE FACILITIES & LINE STATION RATINGS									
PHYSICAL LOCATION (Address)	CATEGORY/CLASS	MANUFACTURER		MAKE/MODEL		LIMITATIONS		EXPIRY DATE			
Frankfurt	05	CFM International		CFM 56-5 Series		Full Release to Service as per Approved Capability List		As per Approval Certificates			
Frankfurt	05	CFM International		CFM56-7B		Full Release to Service as per Approved Capability List		As per Approval Certificates			
Frankfurt	05	General Electric (GE)		CF6-80 Series		Full Release to Service as per Approved Capability List		As per Approval Certificates			
Frankfurt	05	International Aero Engines (IAE)		V2500 Series		Full Release to Service as per Approved Capability List		As per Approval Certificates			
I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.											
				TEDE MUENZBERG		11/07/2024					
SIGNATURE OF AMO REPRESENTATIVE				NAME IN BLOCK LETTERS		DATE					
JOB TITLE						AMO No.		0803			
I hereby approve the Operations Specifications contained in this paragraph.											
Date approval is effective:		05/07/2024						Revision Number:			
		d	d	m	m	y	y	y	y		
		Lobang Thabantso Senior Manager: Airworthiness (Act)						10/07/2024			
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER		NAME IN BLOCK LETTERS						DATE			