

AIRCRAFT MAINTENANCE ORGANISATION APPROVAL CERTIFICATE

in terms of the

CIVIL AVIATION REGULATIONS, 2011.

AMO NUMBER: 1221 **EXPIRY DATE:** 30/04/2025

AMO CATEGORY RATING: D NDT

NAME OF CERTIFICATE HOLDER: Pratt & Whitney THY Teknik Uçak Motoru Bakm Merkezi

PHYSICAL ADDRESS OF Pratt & Whitney THY Teknik Uçak Motoru Bakm Merkezi

CERTIFICATE HOLDER: T/A Turkish Engine Center

Istanbul

Sabiha Gökçen International Airport

34912 Pendik

COMPANY REGISTRATION: 680049-Istanbul

AVIATION

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.

DEAN KHUMALO

20 MAY 2024

For: DIRECTOR OF CIVIL

NAME IN BLOCK LETTERS

DATE OF ISSUE

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SOUTH AFRICAN

CIVIL AVIATION AUTHORITY

Section/division Telephone number:

AIRWORTHINESS: AIRCRAFT MAINTENANCE ORGANISATION

Form Number: CA 145-19a Email: airworthiness@caa.co.za

Ikhaya Lokundiza, 16 Treur Close, Waterfall Park, Bekker Street, Midrand, Gauteng Physical address Postal address:

Private Bag X73, Halfway House 1685 Website: www.caa.co.za

OPERATIONS SPECIFICATIONS FOR AIRCRAFT MAINTENANCE ORGANISATIONS

Approval Number SACAA.OPSSPEC.12 Opspecs Revision status O	Name of O	rganisatio	on	Pratt & Wh	Pratt & Whitney THY Teknik Uçak Motoru Bakım Merkezi									
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PART B	DEFINITIONS AND ABBREVIATIONS					
abbreviations h Aviation Act, as	e defined in these operation specifications provisions, all words, phrases, definitions, and ave identical meanings to those used in the South African Civil Aviation Regulations and Civil amended. Additionally, the definitions listed below are applicable to operations conducted in 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 Hol	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 or 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.					
	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.					
Special	A set of interrelated or interacting activities which transforms inputs into outputs.					
processes	Examples are: NDT, Electro Plating, Plasma Spraying, etc.					
Satellite Facili	Means any facility used for the performance of maintenance under part 145 approval					
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					

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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

I hereby accept the coparagraph.	onditions a	nd lir	mit	ations	set f	orth	in th	is ap	prov	al a	s stated a	nd contair	ned i	n this
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I hereby approve the	ove the Operations Specifications contained in this paragra								aph.			•		
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SIGNATUR SM: AIRWORTH MANAG		NAM	E IN	BLO	оск	LET	TER	s	DATE					

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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 Part 21, 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

I hereby accept the conditions and limitations set forth in this approval as stated and contained in this paragraph.														
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PART E	CATEGORY C - RATINGS
PART E	CATEGORY C – RATINGS

LIMITATIONS OF CAT C RATING MAY BE AS FOLLOWS:

- 1. Release to Service (Full): All the listed below
- 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

Certify safe for flight: Can only release an engine for a test or ferry flight.

CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS

I hereby accept the paragraph.	e conditions	s and	limit	ation	s set	forth	in th	is ap	prova	l as	stated and	d contained	in th	is
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PART F

CATEGORY D - RATINGS

LIMITATIONS OF CAT D RATING MAY BE AS FOLLOWS:

1. Release to Service (Full): All the listed below

MANAGER

- 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 56-7B series	Full Release to Service	AS PER CAPABILITY LIST TEC-S-03
	International Aero Engines (IAE)	V2500 Series	Full Release to Service	AS PER CAPABILITY LIST TEC-S-03
I hereby accept the paragraph.	conditions and limitation	ns set forth in this approv	val as stated and contair	ed in this

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SIGNAT SM: AIRWOR		R		NAME IN BLOCK LETTERS								DATI	E	

PART G CATEGORY E – RATINGS

LIMITATIONS OF CATE 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.

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CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS

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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

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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 Part 21, 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
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PART J

LIMITED RATINGS

For specialised services the operations specifications must contain the specification used to perform the specialized service. The specification may be—

- 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
(X5(Welding))	Welding	As per OEM data	To certify
(NDT)	Eddy Current Inspection	As per OEM data EN 15548-1/2/3	To certify
(NDT)	Liquid Penetrant Inspection	ASTM-E-1417	To certify
(NDT)	Magnetic Particle Inspection	ASTM-E-1444	To certify
(NDT)	Ultrasonic Inspection	As per OEM data ISO-22232-2	To certify

I hereby accept the conditions and limitations set forth in this approval as stated and contained in this

paragraph.									355.0141 40 6				
SIGNAT			VE		N.	AME	IN B	LOC	K LETTERS		DATE		
JOB TITLE											AMO No.	1221	
I hereby approve t	he Op	erat	ions	Spe	cificat	ions	conta	ained	in this paragrapl	h.			
Date approval is				14/0	5/202	4			Davisian N	lumb on			
effective:	d	d	m	m	у	у	у	у	Revision N	number:	0		
FOR DIRE	CTOF	N N			Lobang Thak Senior Mana Airworthines				nager:	14/05/2024			
SIGNAT SM: AIRWOR MANA	THINE	ESS	OR		N.	AME	IN B	LOC	K LETTERS	DATE			

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 DATE OF INCEPTION DATE OF TERMINATION REMARKS/REFERENCE**

DESCRIPTION

I hereby accept the paragraph.	ne conditions and lim	nitatio	ns :	set	forth	ı in t	his a	appro	oval	as state	d a	and containe	d in	this
рагаугарті.														
SIGNAT AMO REPR	N	AM	ΕI	N BI	LOC	K L	ETTI	ERS		DATE				
JOB TITLE											AMO No. 1221			1221
I hereby approve	the Operations Spe	cificat	tion	s co	ontai	ined	in th	nis p	arag	ıraph.				
Data annuavalia	affa ations			•	14/0	5/20	24			Davida	Revision Number: 0			0
Date approval is	епесиче:	d	d	m	m	у	у	у	у	Revisi				U
OF CIVIL A	VIATION	Lobang Thabantso Senior Manager: Airworthiness (Act)								14/05/2024			24	
SM: AIRWOR	URE OF RTHINESS OR AGER	NAME IN BLOCK LETTERS							ERS		DATE			

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PART L		SATELLITE FACI	LITIES & LINE ST	ATION RATINGS	
PHYSICAL LOCATION (Address)	CATEGORY/CLAS S	MANUFACTURER	MAKE/MODEL	LIMITATIONS	EXPIRY DATE

I hereby accept the con paragraph.	ditior	ns an	d lim	itatio	ns se	et for	th in	this	approval as	s stated a	nd con	tained in this		
SIGNATURE OF AMO REPRESENTATIVE					AME	IN E	BLO	CK L	ETTERS	DATE				
JOB TITLE										AMO	No.	1221		
I hereby approve the O	perat	ions	Spec	ificat	ions	cont	aine	d in t	his paragra	ıph.				
Date approval is			1	4/05/2024 Re						sion		_		
effective:	d	d	m	m	у	у	у	у	Num	ber:		0	0	
FOR DIRECTO	R ON			Lobang Thaba Senior Manage Airworthiness (er:		14/05/2024			
SIGNATURE OF SM: AIRWORTHINESS OR MANAGER					AME	IN E	BLOG	CK L	ETTERS			DATE		