SOUTH AFRICAN

CIVIL AVIATION AUTHORITY

Section/division

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Postal address: **OPERATIONS SPECIFICATIONS FOR AIRCRAFT** MAINTENANCE ORGANISATIONS

Category X-Ratings Page 4 4 5 Feb 2016 Limited Rating Page 5 5 23 Feb 2016 Exemption and deviation Authority Satellite Facilities & Line station	Name of Or	ganisation		PROPELLE	R CEN	NTRE						
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PART B	DEFINITIONS AND ABBREVIATIONS
abbreviations had Aviation Act, as	e defined in these operation specifications provisions, all words, phrases, definitions, and live 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 Hole	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	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
Special processes	A set of interrelated or interacting activities which transforms inputs into outputs. Examples are: NDT, Electro Plating, Plasma Spraying, etc.
Satellite Facili	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

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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 or C 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

CLASS	ANUFACTURER MAKE/MK						MAK	ODEL	LIMI	TATI	ONS			
V4.4	SENS	SEN	IICH				Se	ries		S 8.	7.2 12 3218			re-fitment &
X4.1	MCC	AUI	EY	ΞΥ				ries				only	of propeller	
	HAR	HARTZELL								alı	uminium hub			TAME TO SERVICE AND ADDRESS OF THE PERSON AN
	мсс	MCCAULEY								Serie , C	es (C1-C96), 400 & C500			
	HAM	HAMILTON STANDARD										Removal,	re-	fitment 8
X4.3	HOF	HOFFMAN								НО	-V Series	balancing		
	PZL	PZL							AW-2	2-30	Series	only		
	MT						All							
	SEN	SEN	IICH				Gr	ound	adjus	stab	le Series			
	WHIE	WHIRLWIND							100, 200 & 300 Series					
	AVIA	AVIA						V500 Series				1		
X4.4	HAR	HARTZELL							Steel hub & Aluminium hub series				re-fitment &	
	мсс	MCCAULEY							C600 & C700 Series			[] [] [] [] [] [] [] [] [] []		of propeller
	HAM	HAMILTON STANDARD						ries	***************************************			only		2 10 250 5
	AVIA	AVIA							V5D8-V511 Series					
NTCA	All .							As required limited to propellers fitted to NTCA			Removal, balancing only			
I hereby accept the paragraph.	conditions	and	limi	tation	is se	t forth	in th	is ap	prova	al as	stated and co		this	
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PARTI

CATEGORY X - RATINGS

LIMITATIONS OF CAT X RATING MAY BE AS FOLLOWS:

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

 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

CLASS	MANUFACTURER	MAKE/MODEL LIMITATIONS	CAPABILITY LIST
	SENSENICH	Series CERTIFY OVERHA	155.3
X4.1	MCCAULEY	Series	OL
C SWINES A	HARTZELL	Steel hub & aluminium hub series	
	MCCAULEY	Threaded Series (C1-C96), C200, C300, C400 & C500 Series	
	HAMILTON STANDAR	RD series	
	HOFFMAN	HO, HO-E & HO-V Series	UL 155.3
X4.3	PZL	B530 & AW-2-30 Series CERTIFY OVERHA	UL 155.3
	MT	All	
	SENSENICH	Ground adjustable Series	
	WHIRLWIND	100, 200 & 300 Series	
	AVIA	V500 Series	
X4.4	HARTZELL	Steel hub & Aluminium hub series CERTIFY OVERHA	UL
	MCCAULEY	C600 & C700 Series	155.3
	HAMILTON STANDA	RD Series	100.0
1000	AVIA	V5D8-V511 Series	
NTCA	All	As required limited to propellers fitted to NTCA	
I hereby paragra		and limitations set forth in this approval as stated and containe	d in this
/	Mer for	7 ou Tot 23/00	1 2016
Al	SIGNATURE OF NO REPRESENTATIVE	White in Debut and it is	ATE
	TITLE Accountable	o Managor	MO No. 155
I hereby	approve the Operation	s Specifications contained in this paragraph.	
Date ap	proval is effective:	2 0 1 6 0 3 0 9 y y y y m m d d Revision Number	er: 4
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LIMITED RATINGS

For specialised services the operations specifications must contain the specification used to perform the specialized services the operations specimental mast contain the specimental association as 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.

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CADMIUM PLA	TING		St	eel P	rope	ller P	arts							
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NDT			Dye	Pene	etran	t Insp	ectio	n	ASTM-	E1417/1417M		instruction applicab		
· 1990-			Edd	y Cu	rrent	Insp	ection	1	MIL-H	IDBK-728-2	2-2	stand		
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SIGNATAMO REPR			VE		N				K LETTER	S		DATE		
JOB TITLE Deputy Accountab						le Manager					AMO No. 155			
hereby approve	the O	perat	tions	Spec	cifica	tions	conta	ainec	in this para	graph.				
Date approval s effective:	2	() y	j y	6 y	O m	3 m	() d.	9 .d.		ion Number:		5		
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