



Section/division

AIRWORTHINESS

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## OPERATIONS SPECIFICATIONS FOR AIRCRAFT MAINTENANCE ORGANISATIONS

<b>Name of Organisation</b>		Amka Aviation (Pty) Ltd				
<b>Approval Number</b>		1297	<b>Opspecs Revision status</b>		001	
<b>PART A</b>	<b>TABLE OF CONTENTS, LIST OF EFFECTIVE PAGES, AND RATINGS AUTHORITY</b>					
<b>Table of Contents</b>		<b>List of effective Pages</b>	<b>Page revision</b>	<b>Effective date</b>	<b>Authorized</b>	<b>Unauthorized or N/A</b>
Table of Contents, LEP's & Rating authority		Page 1	001	26/08/2015	X	
Definitions and abbreviations		Page 2	<b>Original</b>	01/04/2014	X	
Category A-Ratings		N/A	N/A	N/A		X
Category B-Ratings		N/A	N/A	N/A		X
Category C-Ratings		N/A	N/A	N/A		X
Category D-Ratings		N/A	N/A	N/A		X
Category E-Ratings		N/A	N/A	N/A		X
Category W-Ratings		Page 3	001	26/08/2015	X	
Category X-Ratings		Page 4	001	26/08/2015	X	
Limited Rating		N/A	N/A	N/A		X
Exemption and deviation Authority		N/A	N/A	N/A		X
Satellite Facilities & Line station Ratings		Page 5	001	26/08/2015	X	
<b>Notes:</b>						
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.						
		J.D. Cole		26/08/2015		
<b>SIGNATURE OF AMO REPRESENTATIVE</b>		<b>NAME IN BLOCK LETTERS</b>		<b>DATE</b>		
<b>JOB TITLE</b>		Quality Manager				

PART B	DEFINITIONS AND ABBREVIATIONS
<p>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.</p>	
AMO	Aircraft Maintenance Organisation
AMP	Aircraft Maintenance Programme
SACAA	South African Civil Aviation Authority
CAR	Civil Aviation Regulations
MOP	Manual of Procedure
<b>Certificate Holder</b>	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.
<b>Rating</b>	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.
<b>Maintenance</b>	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.
<b>Category</b>	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).
<b>Deviation Authority</b>	An authorisation that permits an alternate means of compliance with CAR. The deviation authority must meet the procedural requirements of SA-CAR Part 11.
<b>Limitation</b>	A restriction imposed on the corresponding rating based on the AMO capability.
<b>Limited Rating</b>	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)
<b>Capability List</b>	<p>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.</p> <p><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></p>
<b>Special processes</b>	<p>A set of interrelated or interacting activities which transforms inputs into outputs.</p> <p>Examples are: NDT, Electro Plating, Plasma Spraying, etc.</p>
<b>Satellite Facility</b>	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
<b>Line Station</b>	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.
<b>Class</b>	Means classes of aircraft, engines and items of equipment as defined in SA-CATS-145.01.7.6


PART H	CATEGORY W – RATINGS								
<b>LIMITATIONS OF CAT W RATING MAY BE AS FOLLOWS:</b>									
<p>1. <b>Release to Service (Full):</b> All the listed below</p> <p>2. <b>Certify as per AMP:</b> 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 Aircraft, Engine or Rotorcraft)</p> <p>3. <b>Certify minor maintenance:</b> 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)</p> <p>4. <b>Certify installation:</b> Can only replace or install completed subassemblies.</p>									
CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS						
Class W1×1: Electrical installations whose main supply is direct current.	As per capability List	As per capability List	I,T						
Class W1×2: Electrical installations whose main supply is alternating current.	As per capability List	As per capability List	I,T						
Class W2×1: Radio communications installations.	As per capability List	As per capability List	I,T						
Class W2×2: Radio navigational aid installations.	As per capability List	As per capability List	I,T						
Class W2×3: Electronically operated system installations, including amplifiers, computers, recorders, flight management and entertainment systems.	As per capability List	As per capability List	I,T						
Class W3×1: Simple instrument and automatic pilot installations which fall outside the types covered by classes W3×2 and W3×3 and the compensation of compasses which are not gyrostabilised.	As per capability List	As per capability List	I,T						
Class W3×2: Gyrostabilised magnetic direction indicating installations, integrated instrument installations and flight director installations.	As per capability List	As per capability List	I,T						
Class W3×3: Complex electric electronic automatic pilot installations.	As per capability List	As per capability List	I,T						
I = Inspect, T = Test									
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	J.D. Cole					26/08/2015			
<b>SIGNATURE OF AMO REPRESENTATIVE</b>	<b>NAME IN BLOCK LETTERS</b>					<b>DATE</b>			
<b>JOB TITLE</b>	Quality Manager					<b>AMO No.</b>	1297		
I hereby approve the Operations Specifications contained in this paragraph.									
<b>Date approval is effective:</b>	y	y	y	y	m	m	d d	<b>Revision Number:</b>	001
	Cathy Teague Manager, General Aviation South African Civil Aviation Authority					14 OCT 2015			
<b>SIGNATURE OF SM: AIRWORTHINESS OR DESIGNATE</b>	<b>NAME IN BLOCK LETTERS</b>					<b>DATE</b>			
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PART I	CATEGORY X – RATINGS																						
<b>LIMITATIONS OF CAT X RATING MAY BE AS FOLLOWS:</b>																							
<p>1. <b>Release to Service (Full):</b> All the listed below</p> <p>2. <b>Certify Overhaul:</b> 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).</p> <p>3. <b>Certify manufacturer:</b> 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).</p>																							
CLASS	MANUFACTURER	MAKE / MODEL	LIMITATIONS	CAPABILITY LIST																			
<b>Class X1*1:</b> Equipment operating on direct current.	Various	Various	Release to service	Doc No QA018																			
<b>Class X1*2:</b> Equipment operating on alternating current.	Various	Various	Release to service	Doc No QA018																			
<b>Class X2*1:</b> Radio communication equipment.	Various	Various	Release to service	Doc No QA018																			
<b>Class X2*2:</b> Radio navigational aid equipment: Non pulse.	Various	Various	Release to service	Doc No QA018																			
<b>Class X2*3:</b> Radio navigational aid equipment: Pulse.	Various	Various	Release to service	Doc No QA018																			
<b>Class X2*4:</b> Electronically operated systems i.e. amplifiers, computers, recorders, flight management and entertainment systems.	Various	Various	Release to service	Doc No QA018																			
<b>Class X3*1:</b> Mechanically operated instruments i.e. bourdon tube, diaphragm and centrifugal types.	Various	Various	Release to service	Doc No QA018																			
<b>Class X3*2:</b> Electrically operated instruments i.e. synchro and electrical indicating types.	Various	Various	Release to service	Doc No QA018																			
<b>Class X3*3:</b> Gyroscopic instruments i.e. those using gyroscopic principles whether operated electrically or by air pressure.	Various	Various	Release to service	Doc No QA018																			
<b>Class X3*4:</b> Electronic automatic pilots and flight director systems.	Various	Various	Release to service	Doc No QA018																			
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JOB TITLE	Quality Manager		AMO No.	1297																			
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Date approval is effective:	<table border="1" style="border-collapse: collapse; width: 100%;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">y</td> <td style="text-align: center;">y</td> <td style="text-align: center;">y</td> <td style="text-align: center;">y</td> <td style="text-align: center;">m</td> <td style="text-align: center;">m</td> <td style="text-align: center;">d</td> <td style="text-align: center;">d</td> <td colspan="2"></td> </tr> </table>											y	y	y	y	m	m	d	d			Revision Number:	001
y	y	y	y	m	m	d	d																
	Cathy Teague Manager: General Aviation South African Civil Aviation Authority	14 OCT 2015																					
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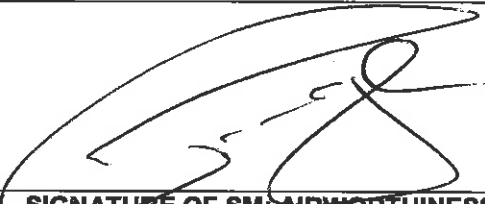
PART L	SATELLITE FACILITIES & LINE STATION RATINGS				
PHYSICAL LOCATION	CATEGORY/CLASS	MANUFACTURER	MAKE/MODEL	LIMITATIONS	EXPIRY DATE
Hangar 109D Lanseria International Airport	W1 x1 Aircraft Electrical Installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W1 x 2 Aircraft Electrical Installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W2 x 1 Radio communication and navigation aid installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W2 x 2 Radio communication and navigation aid installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W2 x 3 Radio communication and navigation aid installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W3 x 1 Aircraft Instrument Installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W3 x 2 Aircraft Instrument Installations	As per capability List	As per capability List	I,T	None
Hangar 109D Lanseria International Airport	W3 x 3 Aircraft Instrument Installations	As per capability List	As per capability List	I,T	None

I = Inspect, T = Test

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	Cathy Teague Manager General Aviation South African Civil Aviation Authority							14 OCT 2015	
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