



AIRCRAFT MAINTENANCE ORGANISATION APPROVAL CERTIFICATE

in terms of the
CIVIL AVIATION REGULATIONS, 2011.

AMO NUMBER: 1295 **EXPIRY DATE:** 31/03/2019

AMO CATEGORY RATING	D, X5 & SPECIAL PROCESS
NAME OF CERTIFICATE HOLDER	SAFRAN Aircraft Engines
PHYSICAL ADDRESS OF CERTIFICATE HOLDER	2 Boulevard du General Martial Valin, Paris Cedex 15 Magny Les Hameaux, Moissy Cramayel, Chatellerault Melyn, France

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

Simon Segwabe
Executive, Air Transport Operations
Civil Aviation Authority
NAME IN BLOCK LETTERS

16/04/2018
DATE OF ISSUE



Section/division
Telephone
number:
Physical address
Postal address:


AIRWORTHINESS: AIRCRAFT MAINTENANCE ORGANISATION
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Form Number: CA 145-19a

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OPERATIONS SPECIFICATIONS FOR AIRCRAFT MAINTENANCE ORGANISATIONS

Name of Organisation		Safran Aircraft Engines			
Approval Number	1295	Opspecs Revision status	Rev. 2		
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	Rev. 2	9/3/2018	X	
Definitions and abbreviations	Page 2	Rev. 2	9/3/2018	X	
Category A-Ratings	Page 3	N/A	N/A		X
Category B-Ratings	Page 4	N/A	N/A		X
Category C-Ratings	Page 5	N/A	N/A		X
Category D-Ratings	Page 6	Rev. 2	9/3/2018	X	
Category E-Ratings	Page 7	N/A	N/A		X
Category W-Ratings	Page 8	N/A	N/A		X
Category X-Ratings	Page 9	Rev. 2	9/3/2018	X	
Limited Rating	Page 10	Rev. 2	9/3/2018	X	
Exemption and deviation Authority	Page 11	N/A	N/A		X
Satellite Facilities & Line station Ratings	Page 12	N/A	N/A		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.					
		Claude QUILLIEN		9/3/2018	
SIGNATURE OF AMO REPRESENTATIVE		NAME IN BLOCK LETTERS		DATE	
JOB TITLE		Vice-President, Quality			

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

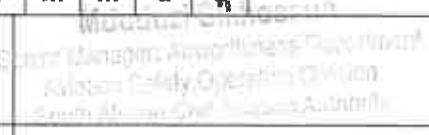
1. A civil or military specification currently used by Industry and approved by the Director; or
2. A specification developed by the applicant and approved by the Director.

PROCESS	DESCRIPTION	REFERENCE STANDARD	LIMITATIONS
Non Destructive Testing	Liquid Penetrant Inspection	EN 4179	
	Magnetic Particle Inspection		
	Ultrasonic Inspection		
	Radiographic Inspection		
	Eddy current Inspection		
Special processes	Surface treatment – Blasting, Sanding, Painting, Varnishing, Abradable surface, Squir (Syringe)	Approved Operating Procedures and Engine Shop Manual	As per the Manufacturer's instructions
	Machining (Laser, Water jet), Grinding, High speed grinding		
	Heat treatment		
	Chemical stripping		
	Thermo Chemical Treatment – Aluminization (APVS, APV, CODEP), C1A Coating		
	Brazing		
	Bonding		
	Thermal Spray		
	Ultrasonic shotpeening		

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

 SIGNATURE OF AMO REPRESENTATIVE	Claude QUILLIEN NAME IN BLOCK LETTERS	9/3/2018 DATE	
JOB TITLE	Vice-President, Quality	AMO No.	1295

I hereby approve the Operations Specifications contained in this paragraph.

Date approval is effective:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">2</td> <td style="width:10%; text-align: center;">0</td> <td style="width:10%; text-align: center;">1</td> <td style="width:10%; text-align: center;">8</td> <td style="width:10%; text-align: center;">0</td> <td style="width:10%; text-align: center;">3</td> <td style="width:10%; text-align: center;">2</td> <td style="width:10%; text-align: center;">6</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> </tr> </table>	2	0	1	8	0	3	2	6	y	y	y	y	m	m	d	d	Revision Number:	Rev. 2
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<div style="border: 2px solid red; padding: 5px; display: inline-block;"> FOR DIRECTOR OF CIVIL AVIATION </div> SIGNATURE OF SM: AIRWORTHINESS	 NAME IN BLOCK LETTERS	26 / 03 / 2018 DATE																	