

REPUBLIC OF INDONESIA
MINISTRY OF TRANSPORTATION
DIRECTORATE GENERAL OF CIVIL AVIATION

Certificate of Approval

Number :145F - 225

This certificate is issued to : **SAFRAN AIRCRAFT ENGINES**

Whose business address is : **2, Boulevard du General Martial Valin
75015 Paris, France**

Upon finding that this organization complies in all respects with the requirements of the Civil Aviation Safety Regulations relating to the establishment of an approved organization, and empowered to operate as an :

APPROVED MAINTENANCE ORGANIZATION

With the following ratings : - **Limited Powerplants**
- **Limited Accessories**
- **Limited Non Destructive Inspection, Testing and Processing**

This approval is not transferable and shall continue until expired, unless cancelled, suspended, or revoked by the Director General; and any major change in the basic facilities, or in the location thereof, shall immediately be reported to the Director General.

Jakarta, 29 November 2022

ACTING DIRECTOR GENERAL OF CIVIL AVIATION



NUR ISNEN ISTIATONO

**Expiry Date :
18 December 2027**



**MINISTRY OF TRANSPORTATION
DIRECTORATE GENERAL OF CIVIL AVIATION**

Office Complex Soekarno-Hatta International Airport, C3 St., Tangerang, Banten- Indonesia

Telp.: (+6221) 225 66288, (+6221) 256 08887 Fax. : (+6221) 225 66399

Website : hubud.dephub.go.id; e-mail: daao_dgca@dephub.go.id

OPERATION SPECIFICATIONS

Name of Organization : Safran Aircraft Engines

Number of Approval : 145F – 225

Date of issuance : 10 April 2023

Amendment : 01

A001 – ISSUANCE AND APPLICABILITY

a. These Operation Specifications (Opspec) are issued to :

Name of Organization : Safran Aircraft Engines

DBA : -

Mailing Address : 2, Boulevard du General Martial Valin
75015 Paris, France

Telephone : +33 1 6414 8455

Facsimile : -

Facility Location : - Saint-Quentin-en Yvelines Center: 1 Rue des Freres
Farman - 78771 - Magny-les-Hameaux Cedex, France
- Rond-Point Rene Ravaud – Reau – 77550
MOISSY-CRAMAYEL, France
- ZI Nord – Rue Maryse Bastie- 86101 - Chatellerault, France
- Gennevilliers shop: 171 boulevard de Valmy BP 31 - 92702-
Colombes, France

a. These Operation Specifications are issued as part of this AMO Certificate of Approval and are in effect as of the date approval is effective. This certificate and these Operation Specifications shall remain in force for such period as determined by the DGCA unless the certificate holder surrenders the certificate or the DGCA suspends or revokes it.

b. The certificate holder is authorized to use the business name described in this operation specification subparagraph a.

On Behalf of Director General of Civil Aviation


M. MAULUDIN

Director of Airworthiness And Aircraft Operation



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Name of Organization : Safran Aircraft Engines
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Date of issuance : 24 November 2022
Amendment : 0

A002 – RATINGS AND LIMITATIONS

The Certificate Holder is authorized the following Ratings and/or Limitations:

LIMITED RATINGS

1. POWERPLANTS

Manufacturer	Make/Model	Limitations
CFM International	- CFM 56 series - Leap-1A series - Leap-1B series	Inspection, Repair, Overhaul, and Alteration in accordance with the current manufacture manual or technical data and capability list as amended.
Powerjet	SaM 146 series	Inspection, Repair, Overhaul, and Alteration in accordance with the current manufacture manual or technical data and capability list as amended
General Electric	GE-90 series	Inspection, Repair, Overhaul, and Alteration in accordance with the current manufacture manual or technical data and capability list as amended

2. ACCESSORIES

Manufacturer	Make/Model	Limitations
As listed in accepted capability list as amended	As listed in accepted capability list as amended	Inspection, Test, Repair, and Overhaul in accordance with the current manufacture manual or technical data and capability list as amended

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A002 – RATINGS AND LIMITATIONS (Cont'd)

LIMITED RATINGS

3. NON DESTRUCTIVE INSPECTION, TESTING AND PROCESSING

<u>Method</u>	<u>Specification</u>	<u>Limitations</u>
Magnetic Particle Testing	ASTM E 1444 as revised	All Non - Destructive Testing Personnel will be qualified and certificated in accordance with current NAS 410 and EN 4179 or equivalent, all work will be performed in accordance with current manufacturer's maintenance manual, or other DGCA approved technical data
Fluorescent Penetrant Inspection (FPI)	ASTM E1417-16 and ASTM 1209 as revised	
Ultrasonic Testing	ASTM E-1742 as revised	
Eddy Current Testing	ASTM E 1004-09 & ASTM E566MIL 1537, ASTM 566 as revised	
Radiography	ASTM E-1032 as revised	

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A003 – EXEMPTIONS


-- None --

A004 – DESIGNATED PERSONS

List of Designated person as contact persons:

No.	Name	Job Title	Phone number & email address
1.	Jean Paul Alary	Accountable Manager (CEO)	+33 (0) 1 69 87 07 70 jean-paul.alary@safrangroup.com
2.	Benedicte Bonnet	VP Quality and Safety	+33 1 64 14 84 31 benedicte.bonnet@safrangroup.com
3.	Nathalie Delangue	Support, Service and Sales Division Quality General Manager	+33 1 64 71 21 56 nathalie.delangue@safrangroup.com

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A005 – ADDITIONAL FIXED LOCATIONS

- a. The certificate holders authorized to perform work at place other than it's primary fixed location in accordance with the addresses of additional fix facility are listed below.

No	Location Address	City, Province & Country	Postal Code
1.	Chatelleraut Center: ZI Nord - Rue Maryse Bastie - BP 129	Chatelleraut, France	86101
2.	Villaroche Center: Rond-point Rene Ravaud - Reau	Moissy-Cramayel, France	77550
3.	Gennevilliers shop: 171 boulevard de Valmy BP 31	Colombes, France	92702
4.	Saint-Quention-en Yvelines Center: 1 Rue des Freres Farman	Magny-les-Hameaux Cedex, France	78771

- b. This authorization does not constitute work performed at additional location(s) outside the domiciled country

A006 – WORK TO BE PERFORMED AT A PLACE OTHER THAN THE AMO'S FIXED LOCATION

-- None --

A007 – LINE MAINTENANCE AUTHORIZATION

-- None --

On Behalf of Director General of Civil Aviation


M. MAULUDIN

Director of Airworthiness And Aircraft Operation