

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number JQ4Y949X

This certificate is issued to

**AI ENGINEERING SERVICES LIMITED
D/B/A JET ENGINE OVERHAUL COMPLEX**

whose business address is

**JET ENGINE OVERHAUL COMPLEX, AI ENGINEERING SERVICES LIMITED
IGI AIRPORT, TERMINAL II, NEW DELHI 110037
INDIA**

*upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved* **REPAIR STATION**

with the following ratings:

**LIMITED AIRFRAME
LIMITED ENGINE
LIMITED ACCESSORIES
LIMITED NONDESTRUCTIVE INSPECTION, TESTING, AND PROCESSING**

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* **until OCTOBER 31, 2025**

By direction of the Administrator

Date issued:

February 26, 2004

FOR

Nicholas Tsokris, Manager, New York IFO

**This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF,
SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION**

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	05/06/2022	08/29/2022	23
002 Definitions and Abbreviations	12/14/2017	02/08/2021	12
003 Ratings and Limitations	04/03/2017	02/08/2021	13
004 Summary of Special Authorizations and Limitations	09/23/1998	02/08/2021	11
007 Designated Persons	09/08/2021	11/10/2021	27
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	04/03/2017	02/08/2021	12

A001 . Issuance and Applicability

HQ Control: 05/06/2022

HQ Revision: 05f

a. These operations specifications are issued to AI Engineering Services Limited, a Repair Station located outside the United States, pursuant to 14 CFR Part 145, § 145.53(a). The repair station certificate holder shall conduct operations in accordance with 14 CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:

Jet Engine Overhaul Complex
AI Engineering Services Limited
IGI Airport, Terminal - II, New Delhi
110037
India

Mailing Address:

Jet Engine Overhaul Complex
AI Engineering Services Limited
IGI Airport, Terminal - II, New Delhi
110037
India

b. The holder of these operations specifications is the holder of certificate number JQ4Y949X and shall hereafter be referred to as the "certificate holder".

c. These operations specifications are issued as part of this repair station certificate and are in effect as of the date approval is effective. This certificate and these operations specifications shall remain in effect until the expiration date on the issued certificate for a repair station that is located outside the United States unless previously surrendered, suspended, or revoked.

d. The repair station specified on these operation specifications does not perform maintenance and/or an alteration of aircraft and/or aeronautical products under a Bilateral Aviation Safety Agreement (BASA).

e. The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

Jet Engine Overhaul Complex

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Devon S Erriah, Principal Maintenance Inspector (FS59)
[1] SUPPORT INFO: issue amendment with 2022 certificate renewal
[2] EFFECTIVE DATE: 8/29/2022, [3] AMENDMENT #: 23
DATE: 2022.08.29 13:11:29 -05:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Nidhi Sharma

13 Sep 2022

Nidhi Sharma, Quality Manager

Date

A002 . Definitions and Abbreviations

HQ Control: 12/14/2017

HQ Revision: 05d

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in 14 CFR and 49 U.S.C., as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

BASA	The Bilateral Aviation Safety Agreement (BASA) is an executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety.
Certificate Holder	In these operations specifications, the term "certificate holder" means the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate.
CAAS	Civil Aviation Authority of Singapore
CFR	Code of Federal Regulations
Class Rating	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories within a category having similar operating characteristics.
EASA	European Aviation Safety Agency
EASA Accountable Manager	The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full-member Authority.
EU	European Union
Exemption	An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of 14 CFR Part 11.
FOCA	Federal Office of Civil Aviation
FAA Accountable Manager	A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA.

Geographic Authorization	Authorization provided to a repair station located outside the United States to perform maintenance support under contract for a U.S. air carrier (or an operator of U.S.- registered aircraft under 14 CFR Part 129) at a location other than the repair station's main facility. A geographic authorization is issued by the FAA to respond to a U.S. air carrier's or Part 129 foreign operator's need for maintenance at a station where the frequency and scope of that maintenance does not warrant permanently staffing and equipping the station for its accomplishment.
Limited Rating	A rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.
Limited Ratings - Specialized Services	Rating issued for a special maintenance function when the function is performed in accordance with a specification approved by the Administrator.
Line Maintenance	Any unscheduled maintenance resulting from unforeseen events, or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.
MAG	The Maintenance Annex Guidance (MAG) defines the process that the FAA and EASA undertake in the inspection, findings of compliance certification, and monitoring of repair stations, as well as their joint cooperation in quality assurance and standardization activities in support of the EASA Agreement, Annex 2, Maintenance. The term Maintenance Agreement Guidance (MAG) defines the processes and activities applicable to a specific country under an MIP, and is not associated with the EASA Agreement.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EU Aviation Safety Agreement, Annex 2, Maintenance	Annex 2 covers the reciprocal acceptance of findings of compliance, approvals, documentation and technical assistance regarding approvals and the monitoring of repair stations/maintenance organizations.
MIP	Maintenance Implementation Procedures (MIP) are procedures for implementing the provisions of a BASA that apply to maintenance performed under 14 CFR Part 145, Section 145.53(b).
MOE	A maintenance organization exposition (MOE) pertains to procedural manuals used by maintenance organizations certificated by a foreign country. The MOE along with the FAA Supplement, sets forth the structure and procedures of the repair station to meet the requirements of 14 CFR Part 145 under a MIP.

Preventive Maintenance	As defined in 14 CFR part 1 and part 43 appendix A, subparagraph (c).
QCM	Quality Control Manual
Repair Station located in the United States	A FAA certificated repair station located in the United States.
Repair Station located outside the United States	A FAA certificated repair station located outside of the United States.
RSM	Repair Station Manual

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Devon S Erriah, Principal Maintenance Inspector (FS59)
[1] SUPPORT INFO: this revision incorporates Air Agency name and personnel amendment
[2] EFFECTIVE DATE: 2/8/2021. [3] AMENDMENT #: 12
DATE: 2021.02.08 14:15:48 -06:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Rajesh Kumar, Quality Manager

11 FEB 2021

Date

A003 . Ratings and Limitations

HQ Control: 04/03/2017

HQ Revision: 01a

The certificate holder is authorized the following Ratings and/or Limitations:

Class Ratings

None Authorized

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	Boeing	B-737-200 Series	Limited to overhaul and maintenance of these engine's Quick Engine Change Kit (QEC) in accordance with the manufacturer's manual and applicable FAA approved data as revised.
	Airbus	A320 Series	Limited to overhaul and maintenance of these engine's Quick Engine Change Kit (QEC) in accordance with the manufacturer's manual and applicable FAA approved data as revised.
PowerPlant	Pratt & Whitney	JT8D-9A Series.	None
		JT8D-17A Series.	None
	International Aero Engine	V2500-A1	None
Accessories	CFM	CFM 56-5B	None
	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	CAPABILITY LIST , Revision 04 Dated January 28, 2021, as revised.
Nondestructive Inspection, Testing, and Processing.			Non Destructive Testing Personnel Qualification and Certification Shall be in Accordance with NAS 410.

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Eddy Current Inspection			Eddy Current shall be performed in accordance Manufacturer's Manuals and Specifications or other data approved by the Administrator as revised.
Liquid Penetrant Inspection			Fluorescent Penetrant Inspection shall be performed in accordance Manufacturer's Manuals and Specifications, ASTM E 1417, or other data approved by the Administrator as revised.
Ultrasonic Inspection			In accordance with AMS-STD-2154, Manufacturer's Maintenance Manual, or FAA Approved Data as Revised
Magnetic Particle Inspection			Magnetic Particle Inspection shall be performed in accordance Manufacturer's Manuals and Specifications, ASTM E 1444 or other data approved by the Administrator as revised.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
None Authorized		

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Devon S Erriah, Principal Maintenance Inspector (FS59)
[1] SUPPORT INFO: this revision incorporates Air Agency name and personnel
amendment
[2] EFFECTIVE DATE: 2/8/2021, [3] AMENDMENT #: 13
DATE: 2021.02.08 14:15:55 -06:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

11 FEB 2021

Rajesh Kumar, Quality Manager

Date

A004 . Summary of Special Authorizations and Limitations

HQ Control: 09/23/1998

HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	Reference Paragraphs
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025

b. The certificate holder is *not authorized* and shall not:

	Reference Paragraphs
Use Exemptions.	A005
Perform maintenance with ratings for repair stations located outside the United States under a Bilateral Aviation Safety Agreement with Maintenance Provisions.	A060
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating non-U.S.-registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Devon S Erriah, Principal Maintenance Inspector (FS59)

[1] SUPPORT INFO: this revision incorporates Air Agency name and personnel amendment

[2] EFFECTIVE DATE: 2/8/2021, [3] AMENDMENT #: 11

DATE: 2021.02.08 14:16:08 -06:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

11 FEB 2021

Rajesh Kumar, Quality Manager

Date

A007 . Designated Persons

HQ Control: 09/08/2021

HQ Revision: 03a

a. The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Table 1 – Designated Persons to Apply for and Receive Authorizations

Title	Name	Parts Authorized	Email Address
FAA Accountable Manager, 145 / Executive Director	Agarwal, Sharad	A,D	sharad.agarwal@aiesl.in
Quality Manager	Sharma, Nidhi	A,D	dygmcjeoc@gmail.com nidhi.Sharma@aiesl.in
General Manager	Agarwal, Pramod	A,D	gmjeoc@gmail.com pramod.agarwal@aiesl.in

b. The following personnel listed in Table 2 are designated by the certificate holder to receive Information for Operators (InFO) messages for the certificate holder as indicated below. A receipt for the information by an operator or person is not required.

Table 2 – Designated to Receive InFO Messages

Name	Email Address	Telephone No.	Type of Information to Receive
Sharad Agarwal	sharad.agarwal@aiesl.in	+91 11 24600712	ALL
Nidhi Sharma	dygmcjeoc@gmail.com nidhi.Sharma@aiesl.in	+91 11 25652200	ALL
Pramod Agarwal	gmjeoc@gmail.com pramod.agarwal@aiesl.in	+91 11 25652430	ALL

1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Devon S Erriah, Principal Maintenance Inspector (FS59)
[1] SUPPORT INFO: amendment to Designated Persons
[2] EFFECTIVE DATE: 11/10/2021, [3] AMENDMENT #: 27
DATE: 2021.11.23 07:12:32 -06:00

3. I hereby accept and receive the Operations Specifications in this paragraph.

Sharad Agarwal
Sharad Agarwal, Executive Director

25 NOV 2021
Date

**A025 . Electronic/Digital Recordkeeping System,
Electronic/Digital Signature, and Electronic Media**

HQ Control: 04/03/2017

HQ Revision: 00b

a. The certificate holder is authorized to use an acceptable electronic/digital recordkeeping system, described and/or referenced in this paragraph (if none, enter N/A.)

N/A

b. The certificate holder is authorized the use of the following electronic/digital signature procedures (if none, enter "N/A").

N/A

c. The certificate holder is authorized to use electronic media for the repair station and quality control manuals, if acceptable (if none, enter "N/A").

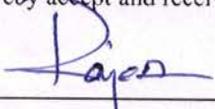
The repair station manual, training manual, forms manual, and quality control manual are provided to the FAA in electronic CD format.

1. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Devon S Erriah, Principal Maintenance Inspector (FS59)
[1] SUPPORT INFO: this revision incorporates Air Agency name and personnel amendment
[2] EFFECTIVE DATE: 2/8/2021, [3] AMENDMENT #: 12
DATE: 2021.02.08 14:16:03 -06:00

3. I hereby accept and receive the Operations Specifications in this paragraph.



Rajesh Kumar, Quality Manager

11 FEB 2021

Date