

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number AINY113C

This certificate is issued to

AI ENGINEERING SERVICES LIMITED

DBA

AIESL

whose business address is

OLD AIRPORT, SANTA CRUZ (EAST)

MUMBAI, 400029

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 ACCESSORIES (4/5/1999)

LIMITED AIRFRAME (3/20/2006)

LIMITED ENGINE (3/23/2008)

LIMITED LANDING GEAR COMPONENTS (5/26/2015)

LIMITED NONDESTRUCTIVE INSPECTION, TESTING AND PROCESSING (2/13/2001)

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* until OCTOBER 31, 2027

By direction of the Administrator

Date issued:

APRIL 5, 1999

FOR

Nicholas Tsokris, Manager, NY IFO, AFS-54-NYC

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	05/10/2024	05/28/2024	32
002 Definitions and Abbreviations	12/14/2017	02/01/2021	25
003 Ratings and Limitations	04/03/2017	11/13/2025	40
004 Summary of Special Authorizations and Limitations	09/23/1998	02/01/2021	23
007 Designated Persons	09/08/2021	11/13/2025	38
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	04/03/2017	02/01/2021	22
101 Additional Fixed Locations	12/11/2020	02/01/2024	6

Table of Contents

Part D

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station's Fixed Location(s)	05/20/2024	05/28/2024	2

A001 . Issuance and Applicability

HQ Control: 05/10/2024

HQ Revision: 05g

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:
Old Airport
Santacruz (East)
Mumbai
400029
India

b. The holder of these operations specifications is the holder of certificate number AINY113C 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:

AIESL

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: amendments May 2024
[2] EFFECTIVE DATE: 5/28/2024, [3] AMENDMENT #: 32
DATE: 2024.05.28 10:38:08 -05:00

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

SHARAD

Sharad Agarwal, CEO

AGARWAL

Digitally signed by
SHARAD AGARWAL

Date

Date: 2024.05.29

13:56:01 +05'30'

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.

Operations Specifications

**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 AMO name and personnel changes
[2] EFFECTIVE DATE: 2/1/2021, [3] AMENDMENT #: 25
DATE: 2021.02.01 11:31:59 -06:00

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

08 FEB, 2021

Sanjay Gupta, Quality Manager

Date

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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-787 Series	Base maintenance up to and including 72M/06YR/24,000FH/12,000FC checks or equivalent as per Aircraft Maintenance Manual (AMM), Structural Repair Manual (SRM) or other data approved by the FAA. From the Capability List, as amended.
		B-777 Series	Base maintenance up to and including 4,000DY/36,000FH/ 18,000FC checks or equivalent as per Aircraft Maintenance Manual (AMM), Structural Repair Manual (SRM) or other data approved by the FAA. From the Capability List, as amended.
		B-747 Series	Limited to Aircraft Maintenance from the Capability List, as amended. All work must be done as per Aircraft Maintenance Manual (AMM) or other data approved by the FAA.
		B-737 NG Series	Base maintenance up to and including 240M/20YR/48,000FH/50,000FC checks or equivalent as per Aircraft Maintenance Manual (AMM), Structural Repair Manual (SRM) or other data approved by the FAA. From the Capability List, as amended.
		B-737 MAX Series	Base maintenance up to and including 96M/08YR/30,000FH/15,000FC checks or equivalent as per Aircraft Maintenance Manual (AMM), Structural Repair Manual (SRM) or other data approved by the FAA. From the Capability List, as amended.
	AIRBUS	A320 Series	Base maintenance up to and including 120M/10YR/36,000FH/27,000FC checks or equivalent as per Aircraft Maintenance Manual (AMM), Structural Repair Manual (SRM) or other data approved by the FAA. From the Capability List, as amended.

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Engines	General Electric	GE90-100 Series	Limited to Engine Maintenance as allowed by the OEM. Includes removal and installation of accessories, modular separation and mating as allowed by the OEM. All work must be done IAW the Manufacturer's and/or FAA approved data.
	Pratt & Whitney	PW4000 Series	Overhaul, Repair and Testing as limited by the Capability List, as amended
	General Electric	GENX 1B Series	Limited to Maintenance and Testing of Engine as allowed by the OEM. Includes removal and installation of accessories, modular separation and mating as allowed by the OEM. All work must be done IAW the Manufacturer's and/or FAA approved data.
	CFMI	CFM56-7	Overhaul, Repair and Testing as limited by the Capability List, as amended.
Landing Gear Components	Boeing Aircraft Company	B-737NG	Maintenance and overhaul of landing gear, all work must be performed in accordance with the appropriate CMM and/or other FAA approved data.
		B-747 Series	Maintenance and overhaul of landing gear, all work must be performed in accordance with the appropriate CMM and/or other FAA approved data.
	Airbus	A320 Series	Maintenance and overhaul of landing gear. All work must be performed in accordance with the appropriate CMM and/or other FAA approved data
Accessories		From the Capability List, as amended.	From the accepted Capability List document number: AIESL/FAA/CAP-04, as revised. All work must be done In Accordance With OEM and/or FAA approved data.
Nondestructive Inspection, Testing, and Processing	Radiographic Inspection	From the Capability List, as amended.	In Accordance with ASTM E1742 and Manufacturer's Maintenance Manual as Revised and FAA Approved Data as Revised. Personnel Qualification and Certification Shall be in Accordance with NAS 410 or equivalent.
	Eddy Current Inspection	From the Capability List, as amended.	In Accordance with MIL-H-728/1, MIL-H-728/2, and MIL-STD-1537/C, Manufacturer's Maintenance Manual as Revised and FAA Approved Data as Revised. Personnel Qualification and Certification Shall be in Accordance with NAS 410 or equivalent.
	Liquid Penetrant	From the Capability List, as amended.	In Accordance with ASTM E1417, Manufacturer's Maintenance Manual as Revised and FAA Approved Data as Revised. Personnel Qualification and Certification Shall be in Accordance with NAS 410 or equivalent.

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

Rating	Manufacturer	Make/Model	Limitations
Ultrasonic Inspection	From the Capability List, as amended.		In Accordance with AMS-STD-2154, Manufacturer's Maintenance Manual as Revised and FAA Approved Data as Revised. Personnel Qualification and Certification Shall be in Accordance with NAS 410 or equivalent.
Magnetic Particle Inspection	From the Capability List, as amended.		In Accordance with ASTM E1444, Manufacturer's Maintenance Manual as Revised and FAA Approved Data as Revised. Personnel Qualification and Certification Shall be in Accordance with NAS 410 or equivalent.

Limited Ratings - Specialized Services

Rating	Specifications	Limitations
None authorized.		

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



Digitally signed by Dunna, James, Principal Maintenance
Inspector (FS59)
[1] SUPPORT INFO: Enhanced Capability on the Boeing
777-200/300.
[2] EFFECTIVE DATE: 11/13/2025,
[3] AMENDMENT #: 40
DATE: 2025.11.13 08:48:38 -06:00

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

Sharad Agarwal, Chief Executive Officer

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
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100

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
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 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 AMO name and personnel changes
[2] EFFECTIVE DATE: 2/1/2021, [3] AMENDMENT #: 23
DATE: 2021.02.01 11:32:16 -06:00

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

Sanjay Gupta, Quality Manager

08 FEB. 2021

Date

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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
Quality Manager / FAA Quality Manager/GM	Chetry, Niraj Pratim	A,D	np.chetry@aiesl.in; qm.faa@aiesl.in
FAA Accountable Manager, 145 / Chief Executive Officer	Agarwal, Sharad	A,D	Sharad.Agarwal@aiesl.in
Dy. Quality Manager	Shengulwar, Shrinivas	A,D	Shrinivas.Shengulwar@aiesl.in
Dy. Quality Manager	Narvekar, Bhagyesh	A,D	Bhagyesh.Narvekar@aiesl.in
Dy. Quality Manager/ Dy. GM Quality	Jindal, Sandeep	A,D	Sandeep.Jindal@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 2226263436	ALL
Niraj Pratim Chetry	np.chetry@aiesl.in; qm.faa@aiesl.in	+91 9869057606	ALL
Sandeep Jindal	Sandeep.Jindal@aiesl.in	+91 2226263840	ALL
Shrinivas Shengulwar	Shrinivas.Shengulwar@aiesl.in	+91 2226263609	ALL
Bhagyesh Narvekar	Bhagyesh.Narvekar@aiesl.in	+91 9870266334	ALL

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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



Digitally signed by Dunna, James, Principal Maintenance
Inspector (FS59)

[1] SUPPORT INFO: Enhanced Capability on the Boeing
777-200/300.

[2] EFFECTIVE DATE: 11/13/2025,

[3] AMENDMENT #: 38

DATE: 2025.11.13 08:46:40 -06:00

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

Sharad Agarwal, Chief Executive Officer

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").

RS/QCM paragraph 1.13 and 2.12

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 AMO name and personnel changes
[2] EFFECTIVE DATE: 2/1/2021. [3] AMENDMENT #: 22
DATE: 2021.02.01 11:32:29 -06:00

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

Sanjay Gupta, Quality Manager

06 FEB. 2021

Date

A101 . Additional Fixed Locations

HQ Control: 12/11/2020

HQ Revision: 01b

a. The certificate holder is authorized to perform work at the following additional fixed location(s) listed in Table 1 below, provided it has the facilities, materials, equipment, and technical personnel to perform the work authorized.

Table 1

Additional Location Address(es)				
Address	City	State	Country	Postal Code
AI Engineering Services Ltd. Aircraft Maintenance Facility, Opp. KSEB Office, Chackai	Trivandrum	Kerala	INDIA	695007
AI Engineering Services Ltd. Plot. 1, Sector. 9, Notified Area of SEZ, MIHAN	Nagpur	Maharashtra	INDIA	441108
AI Engineering Services Ltd. New Avionics Complex, IGI Airport, Terminal 2, Northern Region	New Delhi	Delhi	INDIA	110037

b. This authorizes the certificate holder to use multiple locations to perform its operations under a single certificate.

c. With the exception of the provisions of subparagraph g below, this authorization does not constitute work performed at additional location(s) outside the domiciled country.

d. The certificate holder may perform continuous operations at the facilities listed in Table 1 above.

e. All the authorizations and exemptions authorized for the certificate holder apply at these locations, as applicable.

f. Repair stations located outside the United States covered by the U.S./European Union (EU) Safety Agreement must be under the surveillance of an aviation authority (AA), hold a European Aviation Safety Agency (EASA) line station approval, and must be located within the EU Member States.

g. Repair stations with their principal place of business located within the United Kingdom of Great Britain and Northern Ireland (UK) operating under the Maintenance Implementation Procedures (MIP) are authorized additional fixed locations outside of the UK. The repair station must hold a UK Civil Aviation Authority (CAA) approval, be under direct surveillance by the UK CAA for that location, and must not be located within the United States.

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: add New Delhi- Additional Fixed Location
[2] EFFECTIVE DATE: 2/1/2024, [3] AMENDMENT #: 6
DATE: 2024.02.02 09:16:50 -06:00

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

SHARAD
Sharad Agarwal, CEO
AGARWAL

Digitally signed by
SHARAD AGARWAL
Date: 2024.02.05
15:12:24 +05'30'

D100 . Work to be Performed at a Place Other Than the Repair Station's Fixed Location(s) HQ Control: 05/20/2024
HQ Revision: 05a

a. The certificate holder is authorized to perform work on a recurring basis at a location other than its fixed location(s) listed in Operations Specification A001, Issuance and Applicability, and, if issued, A101, Additional Fixed Locations, provided it has the facilities, material, equipment, and technical personnel to perform the work authorized in Table 1 below:

Table 1 - Work Authorized

Work Authorized	Repair Station Manual References	Quality Control Manual References
Limited to items listed in A003 Ratings and Limitations	Part 1.9, page. 47	N/A

- b. Work Authorized. The work authorized in Table 1 above could be the repair station's entire rating(s) or portions thereof.
- c. Repair Station Manual (RSM). Table 1 must list the section(s) in the RSM and, if applicable, the Quality Control Manual (QCM) that contain the procedures that govern how the repair station will perform work on a recurring basis at a place other than the repair station's fixed location(s).
- d. Continuous Operations. Issuance of this operations specification does not authorize continuous operations at a location away from the repair station's fixed location(s) listed in operations specification A001 and, if issued, A101.

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: amendments May 2024
[2] EFFECTIVE DATE: 5/28/2024, [3] AMENDMENT #: 2
DATE: 2024.05.28 10:38:12 -05:00

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

SHARAD

AGARWAL

Sharad Agarwal, CEO

Digitally signed by SHARAD AGARWAL
Date: 2024.05.29 13:56:54 +05'30'