

## Certificate of Registration

This certifies that the Quality Management System of

# **GE Aviation Systems LLC**

1354 Clifford Avenue Loves Park, Illinois, 61132-2909, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

# **AS9100D with ISO 9001:2015**

Audited in accordance with AS9104/1:2012 Requirements for Aviation. Space, and Defense Quality Management System Certification Programs.

NSF-ISR is accredited under the Americas Aerospace Quality Group Registration Management Committee.

### Scope of Registration:

Design, manufacture, testing, and repair of air management solutions (e.g., valves, actuators fans, blowers, and electronic controls), for commercial and military aerospace applications.

Certificate Decision/Re-Issue Date: Certificate Number: 01-FEB-2021 07-MAR-2021

06-MAR-2024

Expiration Date \*: Certificate Issue Date:

Jennifer Morecraft Global Managing Director

Grand Monerall

### **NSF International Strategic Registrations**

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org



## Certificate of Registration

This certifies that the Quality Management System of

# **GE Aviation Systems LLC**

1354 Clifford Avenue Loves Park, Illinois, 61132-2909, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

# **AS9110C with ISO 9001:2015**

\*Audited in accordance with AS9104/1:2012 Requirements for Aviation, Space, and Defense Quality Management System Certification Programs. NSF-ISR is accredited under the
Americas Aerospace Quality Group Registration Management Committee.

Scope of Registration:

Repair and assembly of avionics pneumatic equipment

Certificate Decision/Re-Issue Date: Certificate Number: 01-FEB-2021

07-MAR-2021

Certificate Issue Date:

Global Managing Director Jennifer Morecraft,

June Mouerell

### NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105 | (888) NSF-9000 | www.nsf-isr.org

### UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

### Air Agency Certificate

Number KA2R945K

This certificate is issued to

**GE AVIATION SYSTEMS LLC** 

evhose business address is 1354 CLIFFORD AVENUE LOVES PARK, IL 61111

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 - ACCESSORY (04/18/2004)

This certificate, unless canceled, suspended, or revoked, shall continue in effect INDEFINITELY

Tate essend:

**OCTOBER 20, 1971** 

By direction of the Administrator

MANAGER, GREATER CHICAGO FSDO

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

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both

### **Operations Specifications**

### Table of Contents

### Part A

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001 Issuance and Applicability	02/11/2016	06/26/2018	7
002 Definitions and Abbreviations	12/14/2017	01/31/2018	7
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007 Designated Persons	09/08/2021	10/31/2022	20
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449 Antidrug and Alcohol Misuse Prevention Program	07/17/2009	06/26/2018	7

Part A-1 Certificate No.: KA2R945K Print Date: 11/1/2022

### **Operations Specifications**

A001. Issuance and Applicability

HQ Control: 02/11/2016

**HQ** Revision:

05e

a. These operations specifications are issued to GE Aviation Systems LLC, a Repair Station located in the United States, pursuant to 14 CFR Part 145, § 145.53. 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: 1354 Clifford Avenue Loves park, Illinois 61111

- b. The holder of these operations specifications is the holder of certificate number KA2R945K 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 certificate for a repair station that is located in the United States is surrendered, suspended, or revoked.
- d. The repair station specified on these operations specifications and located within the United States performs maintenance and/or an alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of the U.S./EU Safety Agreement, Annex 2, Maintenance, between the FAA and the EU.
- e. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

Delegated authorities: None

### **Operations Specifications**

1. Issued by the Federal Aviation Administration.

2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Charles G Gaspadarek, Principal Avionics Inspector (GL03) [1] SUPPORT INFO: Amended to reflect address change. [2] EFFECTIVE DATE: 6/26/2018, [3] AMENDMENT #: 7 DATE: 2018.07.11 08:35:43 -05:00

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

6/26/2018

Schroedi, Randall. FAA Accountable Manager, 145 Date

### Operations Specifications

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.

**GE Aviation Systems LLC** 

A002-1 Amdt. No: 7

### Operations Specifications

### 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.

GE Aviation Systems LLC

A002-2 Amdt. No: 7

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

A FAA certificated repair station located outside of the United States.

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 F. Spencer Cull, Principal Maintenance Inspector (GL03) [1] SUPPORT INFO: New EASA Accountable Manager

[2] EFFECTIVE DATE: 1/31/2018, [3] AMENDMENT #: 7 DATE: 2018.01.31 10:37:15 -06:00

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

Schroedl, Randall, FAA Accountable Manager, 145

### **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

Rating Manufacturer Make/Model Limitations

Accessories GL Aviation

Systems LLC

All Models L

Limited to repair and overhaul of articles manufactured by GE Aviation Systems LLC located at 1354 Clifford Avenue,

Loves Park, IL 61132, with cage code 05624.

### Limited Ratings - Specialized Services

Rating Specifications

**Limitations** 

None Authorized.

### **Operations Specifications**

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



Digitally signed by Charles G Gaspadarek, Principal Avionics Inspector (GL03) [1] SUPPORT INFO: Amended to revised template. [2] EFFECTIVE DATE: 7/10 2017, [3] AMENDMENT #: 5 DATE: 2017.07.10 15:30:57 -05:00

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

Hamel Tompoly 7-34-17

Gonzalez, Hannah, FAA Accountable Manager, 145

GE Aviation Systems LLC

A003-2 Amdt. No: 5

### **Operations Specifications**

### 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
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

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

Use Exemptions.	Reference Paragraphs 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
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

### **Operations Specifications**

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 Charles G Gaspadarek, Principal Avionics Inspector (GL03) [1] SUPPORT INFO: Amended to rescind D100, Work Away From Station, at the certificate holders request.
[2] EFFECTIVE DATE: 3/3/2020, [3] AMENDMENT #: 6
DATE: 2020.03.03 13:51:51 -06:00

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

Randall Schroedl

3/5/2020

Randall Schroedl, FAA Accountable Manager, 145

Date

### **Operations Specifications**

### A007 . Designated Persons

HQ Control: 09/08/2021

**HQ** Revision:

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	Kingsbury, lan	A,D	lan Kingbury a ge com
EASA Accountable Manager, 145	Cobb. Gregory	A.D	Gregory cobb a ge com

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
Ian Kingsbury	lan Kingbury a ge com	779-207-0337	ALL

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 Tracy L Mayo, Principal Avionics Inspector (GL03) [1] SUPPORT INFO: Revised due to removal of Agent for Service [2] EFFECTIVE DATE: 10/31/2022, [3] AMENDMENT #: 20

DATE: 2022.10.31 14:59:37 -05:00

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

Ian Kingsbury, FAA Accountable Manager, 145

Date

11/11/2022

### **Operations Specifications**

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

HQ Control: 04/03/2017

Certificate No.: KA2R945K

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.)

SM-RS-023, Electronic Recordkeeping Manual, as revised

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

SM-RS-023, Electronic Recordkeeping Manual, as revised

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").

SM-RS-023, Electronic Recordkeeping Manual, as revised

1. The Certificate Holder applies for the Operations in this paragraph.

These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Charles G Gaspadarek, Principal Avionics Inspector (GL03) [1] SUPPORT INFO: Amended or issued to add Electronic Recordkeeping. [2] EFFECTIVE DATE: 12/2/2019, [3] AMENDMENT #: 0 DATE: 2019.12.02 12:35:27 -06:00

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

Randall Schroedl

12/7/2019

Randall Schroedl, FAA Accountable Manager, 145

Date

### **Operations Specifications**

A449. Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2009

Certificate No.: KA2R945K

HQ Revision: 00a

a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 91.147.

- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 120 and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:

Table 1

	Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:
Telephone Number:	
Address:	1354 Clifford Avenue
Address:	NA
City:	Loves Park
State:	IL,
Zip code:	61111

### d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
  - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
  - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

The certificate holder has fewer than 50 safety-sensitive employees.

### **Operations Specifications**

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 Charles G Gaspadarck, Principal Avionics Inspector (GL03) [1] SUPPORT INFO: Amended to reflect a change of USPS Zip Code. [2] EFFECTIVE DATE: 6/26/2018, [3] AMENDMENT #: 7 DATE: 2018.06.26 16:54:21 -05:00

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

Cardall Schwedt

Schroedl, Randall, FAA Accountable Manager, 145 Date



Lorenzo PELLEGRINI

Maintenance Organisation Oversight Section Manager Flight Standards Directorate

2022 /IFPF36179/Flight Standards Cologne, 20 July 2022 The Quality Manager
GE AVIATION SYSTEMS LLC
1354 CLIFFORD AVENUE
61111 LOVES PARK ILLINOIS
UNITED STATES

Subject: Renewal of EASA Part-145 approval in accordance with the provisions of the Agreement

between the United States of America and the European Community on Cooperation in the

Regulation of Civil Aviation Safety.

Enclosure: EASA Part-145 approval certificate

Dear Sir or Madam,

Following a positive recommendation from the FAA the European Union Aviation Safety Agency is pleased to confirm the renewed validity of Part-145 approval:

### EASA.145.4237

Subject to continued compliance with the FAR 145 and the EASA special conditions as detailed in the Agreement between the United States of America and the European Community on Cooperation in the Regulation of Civil Aviation Safety and associated Maintenance Annex Guidance (MAG), your renewal date will be:

### 31 July 2024

To ensure that the FAA and EASA have sufficient time to process your renewal please provide your renewal paperwork package at least 90 days before the date above. Do refer to the latest renewal procedures and documents available from <a href="https://www.easa.europa.eu/">https://www.easa.europa.eu/</a> to avoid delays.

This certificate supersedes the previous revision of the approval certificate. Please destroy the superseeded certificate. There is no need for you to return it to the Agency.

Should you have further queries, please do not hesitate to contact us at the e-mail indicated below. Please assist us by always quoting your EASA approval number in any correspondence with the Agency.

Yours faithfully,

Lorenzo PELLEGRINI

This is a computer generated document valid without a signature





### U.S. APPROVAL CERTIFICATE

### EASA.145.4237

Taking into account the provisions of Article 68 of Regulation (EU) 2018/1139 of the European Parliament and of the Council and the bilateral agreement currently in force between the European Community and the Government of the United States of America, the European Union Aviation Safety Agency (EASA) hereby certifies:

### **GE AVIATION SYSTEMS LLC**

FAA Number: KA2R945K

### 1354 CLIFFORD AVENUE 61111 LOVES PARK ILLINOIS UNITED STATES

as a Part-145 maintenance organization approved to maintain the products listed in the FAA Air Agency Certificate and associated Operations Specifications and issue related certificates of release to service using the above reference, subject to the following conditions:

- The scope of the approval is limited to that specified on the 14 CFR part 145 repair station Air Agency Certificate, and the associated Operations Specifications for work carried out in the United States (unless otherwise agreed in a particular case by EASA).
- 2. The approval scope shall not exceed the permitted EASA Part-145 ratings as detailed in Regulation EC (No) 1321/2014.
- 3. This approval requires continued compliance with 14 CFR part 145 and the differences as specified in the Maintenance Annex Guidance (MAG), including the use of the FAA Form 8130-3 for release/return to service of components up to and including power plants.
- 4. Certificates of return to service must quote the EASA Part-145 approval reference number quoted above and the 14 CFR part 145 Air Agency Certificate number.
- 5. Subject to compliance with the foregoing conditions, this approval shall remain valid until:

31 July 2024

unless the approval is surrendered, superseded, suspended or revoked.

Date of issue:

20 July 2022

Signed:

For the European Union Aviation Safety Agency







### 中国民用航空局 CIVIL AVIATION ADMINISTRATION OF CHINA (CAAC)

### 维修许可证

### MAINTENANCE ORGANIZATION CERTIFICATE

	GE Aviation Systems LLC	
单位地址/Business Address:		
	1354 Clifford Avenue Loves Park Illinois 61111 USA	
Upon finding that th	中国民用航空规章第 145 部的要求,可以从事如下类别的维修工作: e organization complies with the requirements of <b>CHINA CIVIL AVIATION</b> Part 145, the above organization is adequate to accomplish maintenance gs:	
	Component Maintenance	
	- ☆ -	
	f停或吊销,在下述期限内将一直有效。 ss cancelled, suspended, or revoked, shall continue in effect until:	
	2025-06-30	

局长授权/FOR THE ADMINISTRATOR OF CAAC

签字/SIGNATURE:	. 🕰
XUE Shijun	Wight.
职务/Position:	•

Deputy Director General of FSD

颁发日期/DATE ISSUED:



编号/No. F00100844



### 中国民用航空局 CIVIL AVIATION ADMINISTRATION OF CHINA (CAAC)

### 许可维修项目

### LIMITATION OF MAINTENANCE ITEMS

### 限定/LIMITATION:

对第\_F00100844 号许可证所列维修类别限定如下地点和项目:

Location and items set forth on Maintenance Organization Certificate No. F00100844 is/are limited to the following:

**LOCATION:** Loves Park

Inspection, Repair, Overhaul and Modification of the following Components:

Pneumatic (ATA-36): Limit to 3600 Pneumatic System.

Detail as listed in CAAC component maintenance capability list.

### 局长授权/FOR THE ADMINISTRATOR OF CAAC

签字/SIGNATURE:

XUE Shijun

职务/Position:

Deputy Director General of FSD





This certificate is granted and awarded by the authority of the Nadcap Management Council to:

## GE Aviation Systems LLC

1354 Clifford Ave Loves Park, IL 61132-4729 United States

listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the This certificate demonstrates conformance and recognition of accreditation for specific services, as time of the audit for:

# Nonconventional Machining

Certificate Number: 13390215196

Expiration Date: 31 August 2024 Accreditation Length: 12 Months

Jay Solomond

Executive Vice President & Chief Operating Officer