

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	05/06/2022	08/10/2023	8
002 Definitions and Abbreviations	12/14/2017	12/19/2017	7
003 Ratings and Limitations	04/03/2017	09/02/2021	31
004 Summary of Special Authorizations and Limitations	09/23/1998	08/10/2023	7
007 Designated Persons	09/08/2021	08/10/2023	21
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	04/03/2017	10/04/2017	9
449 Drug and Alcohol Testing Program	08/30/2021	08/10/2023	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 Fixed Location(s)	11/16/2004	07/15/2011	4

A001 . Issuance and Applicability

HQ Control: 05/06/2022

HQ Revision: 05f

a. These operations specifications are issued to AAR Aircraft Services Inc., a Repair Station located in 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:
2825 West Perimeter Road
Indianapolis, Indiana 46241

b. The holder of these operations specifications is the holder of certificate number I6XR049Y 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 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 use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

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



Digitally signed by Gary L. Brown, Principal Maintenance Inspector (GL11)
[1] EFFECTIVE DATE: 8/10/2023, [2] AMENDMENT #: 8
DATE: 2023.08.10 14:06:52 -05:00

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

Michael Lachner DIRECTOR OF QUALITY ASSURANCE 2023.08.17

Michael Lachner, Director of Quality Assurance 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. Issued by the Federal Aviation Administration.
 2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by James I Muroski, Principal Maintenance Inspector (GL11)
[1] SUPPORT INFO: To revision 05d control 12/14/2017
[2] EFFECTIVE DATE: 12/19/2017, [3] AMENDMENT #: 7
DATE: 2017.12.19 12:39:58 -06:00

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

Digitally signed by Benjamin R Krebs, Director of Quality Assurance
DATE: 2017.12.19 12:51:51 -06:00

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

Airframe Class 4: All-Metal Construction of Large Aircraft

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	From the Capability List, as amended.	From the Capability List, as amended.	Limited to maintenance, preventive maintenance, and alterations of airframe components in accordance with accepted/approved data as appropriate.
Engines	From the Capability List, as amended.	From the Capability List, as amended.	Limited to maintenance, preventive maintenance, and alterations, of engine components in accordance with accepted/approved data as appropriate. Excluding engine overhaul, disassembly or separation of the powerplant case or turbine engine module.
Engines	Pratt & Whitney	JT-8D Series, JT-9 Series, PW2040 Series, PW2043 Series, PW2037 Series, and PW4000 Series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.
Engines	General Electric	CFM 56 Series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Engines	General Electric	CF34-8E series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.
Engines	General Electric	CF6 Series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.
Engines	Rolls Royce	RB-211 Series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.
Engines	Rolls Royce	AE 3007 Series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.
Engines	International Aero Engines AG	V2500 Series	Powerplant authorization limited to inspection, removal and/or installation of accessories and components, adjustments, minor repairs, Bore scope and alterations, but excludes overhaul, disassembly or separation of the powerplant case or turbine engine module, and excludes hot section inspections where disassembly or separation of the turbine engine module is concerned.
Nondestructive Inspection,	All Makes	All Models	Magnetic Particle inspection using the methods, techniques, and practices prescribed in the current

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Testing, and Processing			manufacturer's maintenance manual or Instructions for Continued Airworthiness, and the AAR NDT Manual as revised.
	All Makes	All Models	Liquid Penetrant inspection using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or Instructions for Continued Airworthiness, and the AAR NDT Manual as revised.
	All Makes	All Models	Ultrasonic inspection using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or Instructions for Continued Airworthiness, and the AAR NDT Manual as revised.
	All Makes	All Models	Eddy Current inspection using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or Instructions for Continued Airworthiness, and the AAR NDT Manual as revised.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Welding	AAR Process specification 9908 as amended	Use the methods, techniques, and practices prescribed in the current manufacturers maintenance manual or Instructions for Continued Airworthiness, or other methods, techniques, and practices acceptable to the Administrator.
Heat Treating	In accordance with the following specifications as revised: AMS2770, AMS2750, BAC5602, BAC5619, BAC5621, BAC5650, BAC5651, BAC5748, and BAC5750.	The solution and precipitation heat treatment of aluminum alloys and 15-5, 17-4, 17-7 corrosion resistant steels using the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or instructions for Continued Airworthiness, or other methods, techniques, and practices acceptable to the Administrator, to exclude oil and glycol quenching.

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



Digitally signed by Louis Soto, Principal Avionics Inspector (GL11)
[1] EFFECTIVE DATE: 9/2/2021, [2] AMENDMENT #: 31
DATE: 2021.09.02 07:00:37 -05:00

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

Digitally signed by Benjamin R Krebs, Director of Quality Assurance
DATE: 2021.09.02 06:40:02 -05:00

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 safety-sensitive functions requiring a drug and alcohol testing program under 14 CFR part 120	A449
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
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 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 Gary L. Brown, Principal Maintenance Inspector (GL11)
[1] EFFECTIVE DATE: 8/10/2023, [2] AMENDMENT #: 7
DATE: 2023.08.10 14:06:04 -05:00

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

Michael Lachner DIRECTOR OF QUALITY ASSURANCE 2023.08.17

Michael Lachner, Director of Quality Assurance 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
V.P. of Operations	Sauer, Kelly	A,D	kelly.sauer@aarcorp.com
Director of Quality Control/Chief Inspector	Roach, John	A,D	john.roach@aarcorp.com
AD Notification Representative / General Manager	Sauer, Kelly	A,D	kelly.sauer@aarcorp.com
Director of Quality Assurance	Lachner, Michael	A,D	michael.lachner@aarcorp.com
V.P. of Quality	Lucciola, Emilio	A,D	Emilio.lucciola@aarcorp.com
FAA Accountable Manager, 145 / General Manager	Sauer, Kelly	A,D	kelly.sauer@aarcorp.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
Kelly Sauer	kelly.sauer@aarcorp.com	317-227-5410	ALL
Emilio Lucciola	emilio.lucciola@aarcorp.com	317-227-5527	ALL

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



Digitally signed by Gary L. Brown, Principal Maintenance Inspector (GL11)
[1] EFFECTIVE DATE: 8/10/2023, [2] AMENDMENT #: 21
DATE: 2023.08.10 14:07:30 -05:00

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

Michael Lachner Director of Quality Assurance *2023.08.17*

Michael Lachner, Director of Quality Assurance 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.)

AAR is authorized to use the electronic recordkeeping system described in RSQM section Electronic Signatures, Recordkeeping, & Manuals.

- 1) Repair Station Maintenance Records will be stored on the AAR central computer server.
- 2) Repair Station Training Records will be stored on the AAR central computer server.

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

AAR is authorized to use electronic signatures as described in RSQM section Electronic Signatures, Recordkeeping, & Manuals. This includes signatures used for:

- 1) Recording of Maintenance
- 2) Engineering Documents which transmit maintenance instructions
- 3) Airworthiness/Maintenance Release
- 4) Certification, Training and/or Qualifications

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").

AAR is authorized to use electronic manuals as described in RSQM section Electronic Signatures, Recordkeeping, & Manuals. All manuals utilized by AAR are maintained in an electronic format and are available throughout the facility on the AAR intranet. This includes:

- 1) AAR Repair Station Quality Manual (RSQM).
- 2) AAR NDT Manual.
- 3) AAR Training Program Manual.
- 4) AAR EASA Supplement.
- 5) AAR TCCA Supplement.
- 6) AAR Form R146 Capability List.

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



Digitally signed by James I Muroski, Principal Maintenance Inspector (GL11)
[1] SUPPORT INFO: Amendments to electronic signature and record keeping
authorization.
[2] EFFECTIVE DATE: 10/4/2017, [3] AMENDMENT #: 9
DATE: 2017.10.04 11:58:48 -05:00

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

Digitally signed by Benjamin R Krebs
DATE: 2017.10.04 11:49:18 -05:00

A449 . Drug and Alcohol Testing Program

HQ Control: 08/30/2021

HQ Revision: 00b

- a. The 14 CFR Part 145 repair station certificate holder has implemented a drug and alcohol testing program because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, 121/135, and/or 135 certificate holder, and/or for a 14 CFR Part 91 operator conducting operations under § 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 drug and alcohol testing program.
- c. Drug and alcohol testing 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 Drug and Alcohol Testing Program Records	
Telephone Number:	A2 (CONN912A)
Address:	
Address:	
City:	
State:	
Zip code:	

d. Limitations and Provisions.

(1) The FAA's Drug Abatement Division is responsible for oversight and enforcement of the DOT/FAA-mandated drug and alcohol testing program. Questions regarding the program requirements or regulations must be directed to the Drug Abatement Division at 202-267-8442 or drugabatement@faa.gov.

(2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:

(a) Phone number and address where the drug and alcohol testing 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.

e. The certificate holder has 50 or more safety-sensitive employees.

1. Issued by the Federal Aviation Administration.

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



Digitally signed by Gary L. Brown, Principal Maintenance Inspector (GL11)

[1] EFFECTIVE DATE: 8/10/2023, [2] AMENDMENT #: 6

DATE: 2023.08.10 14:08:10 -05:00

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

Michael Lachner DIRECTOR OF QUALITY ASSURANCE 2023.08.17

Michael Lachner, Director of Quality Assurance

Date

D100 . Work to be Performed at a Place Other Than the Repair Station Fixed Location(s) HQ Control: 11/16/2004
HQ Revision: 050

- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

Table 1

Work Authorized	Repair Stations Manual References	Quality Control Manual References
Perform work authorized by the Operations Specifications, Paragraph A003.	Repair Station Quality Manual (RSQM), Work Performed at Other Location, Section.	Repair Station Quality Manual (RSQM), Work Performed at Other Location, Section.

- b. The certificate holder **may not** perform **continuous** operation at a facility other than the station's Fixed Location listed in paragraph A001, and paragraph A101 if issued.
- c. Line Stations . Privileges of a line station, as set forth by the EASA certificate and scope of work and located within the country where the main facility is domiciled are listed in Table 1 are authorized.
- d. Work may be due to a special circumstance or on a recurring basis. If on a recurring basis, the repair station must have procedures in its manual.

