

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	05/10/2024	10/08/2024	11
002 Definitions and Abbreviations	12/14/2017	12/19/2018	7
003 Ratings and Limitations	04/03/2017	04/24/2017	14
004 Summary of Special Authorizations and Limitations	09/23/1998	12/19/2018	7
007 Designated Persons	09/08/2021	10/08/2024	9
449 Drug and Alcohol Testing Program	08/30/2021	10/08/2024	6

**A001 . Issuance and Applicability**

**HQ Control: 05/10/2024**

**HQ Revision: 05g**

a. These operations specifications are issued to Aviation Repair Solutions, 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:  
1480 Canal Avenue  
Long Beach, California 90813

Mailing Address:  
1480 Canal Avenue  
Long Beach, California 90813

b. The holder of these operations specifications is the holder of certificate number ZY3R041M 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 performs 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 Benjamin Harris, Principal Maintenance Inspector (WP05)  
[1] SUPPORT INFO: A001 and A449 Template Changes Only. A007 Added EASA  
and UK Accountable Manager Titles  
[2] EFFECTIVE DATE: 10/8/2024, [3] AMENDMENT #: 11  
DATE: 2024.10.08 15:25:19 -05:00

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

\_\_\_\_\_  
Mark Falkowski, Quality Manager

10/9/24

\_\_\_\_\_  
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.

<b>BASA</b>	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.
<b>Certificate Holder</b>	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.
<b>CAAS</b>	Civil Aviation Authority of Singapore
<b>CFR</b>	Code of Federal Regulations
<b>Class Rating</b>	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories within a category having similar operating characteristics.
<b>EASA</b>	European Aviation Safety Agency
<b>EASA Accountable Manager</b>	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.
<b>EU</b>	European Union
<b>Exemption</b>	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.
<b>FOCA</b>	Federal Office of Civil Aviation
<b>FAA Accountable Manager</b>	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.

<b>Geographic Authorization</b>	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.
<b>Limited Rating</b>	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.
<b>Limited Ratings - Specialized Services</b>	Rating issued for a special maintenance function when the function is performed in accordance with a specification approved by the Administrator.
<b>Line Maintenance</b>	Any unscheduled maintenance resulting from unforeseen events, or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.
<b>MAG</b>	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.
<b>Maintenance</b>	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
<b>U.S./EU Aviation Safety Agreement, Annex 2, Maintenance</b>	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.
<b>MIP</b>	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).
<b>MOE</b>	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 Thomas R. Walters Jr., Principal Maintenance Inspector (WP05)  
[1] EFFECTIVE DATE: 12/19/2018, [2] AMENDMENT #: 7  
DATE: 2018.12.19 10:53:32 -06:00

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

\_\_\_\_\_  
Falkowski, Mark, Quality Manager

12/19/2018  
\_\_\_\_\_  
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**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make/Model</u></b>	<b><u>Limitations</u></b>
Nondestructive Inspection, Testing, and Processing	N/A	N/A	Fluorescent Penetrant Inspection, Testing and Processing in accordance with the provisions of ASTM E 1417, ASTM E 165, NAS 410, as revised and the component manufacturer's instructions.
Nondestructive Inspection, Testing, and Processing	N/A	N/A	Magnetic Particle Inspection, Testing and Processing in accordance with the provisions of ASTM E 1444, ASTM E 709, NAS 410, as revised and the component manufacturer's instructions.
Accessories	Honeywell	Air Turbine Starter Model ATS100-239	Repair of Air Turbine Starter Housing, Part Number 361771-2 in accordance with FAA Approved Rework Procedure #3185, Revision A, dated 06/30/2003.
Accessories	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Restricted to the repair of aircraft components and parts listed in the Capability List utilizing the Limited Specialized Services as listed below. All processes must be in accordance with FAA approved specifications and/or manufacturer's technical data. For the purpose of EASA Dual Release.

**Limited Ratings - Specialized Services**

<b><u>Rating</u></b>	<b><u>Specifications</u></b>	<b><u>Limitations</u></b>
Chromium Plating (electrodeposited)	Aerospace Material Specification AMS-QQ-C-320 Class 2. Aerospace Material Specification AMS-2460	Repair limitations as contained in the referenced Civil or Military Specification.
	Military Standard MIL-STD-1501E	Limited to the application of

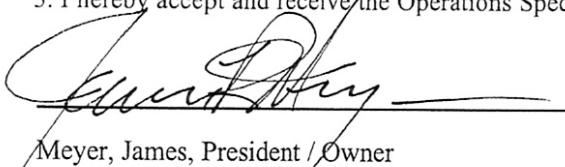
<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
		chrome plating in accordance with the referenced specification.
	Aerospace Material Specification AMS 2406, revision K or later	Limited to the application of chrome plating in accordance with the referenced specification.
	Boeing Process Specification BAC 5709, revision T or later	Limited to the application of chrome plating in accordance with the referenced specification.
	Douglas Process Standard DPS 9.71, revision W or later	Limited to the application of chrome plating in accordance with the referenced specification.
Grinding of Chrome Plated Steel and Steel Parts	In accordance with: MIL STD 866, BAC 5032, and DPS 4.601	Repair limitations as contained in the referenced specification.
Chemical Conversion Coatings on Aluminum and Aluminum Alloys	Aerospace Material Specification AMS-C-5541	Repair limitations as contained in the referenced specification.
Electro-Chemical Stripping of Inorganic Finishes	Military Standard MIL-STD-871	Repair limitations as contained in the referenced specification.
Passivation	Boeing Process Specification BAC 5625 Method II ONLY as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Chromium Plating, Thin, Hard, Dense Deposit	AMS2438	Limited to the application of chrome plating in accordance with the referenced specification.

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Digitally signed by Thomas R. Walters Jr., Principal Maintenance Inspector (WP05)  
[1] EFFECTIVE DATE: 4/24/2017, [2] AMENDMENT #: 14  
DATE: 2017.04.24 17:40:51 -05:00

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

 4-24-2017  
Meyer, James, President / Owner 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
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

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

	Reference Paragraphs
Use Exemptions.	A005
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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

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 Thomas R. Walters Jr., Principal Maintenance Inspector (WP05)  
[1] EFFECTIVE DATE: 12/19/2018, [2] AMENDMENT #: 7  
DATE: 2018.12.19 10:54:22 -06:00

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

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Falkowski, Mark, Quality Manager

\_\_\_\_\_  
Date

12/19/2018

**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 / President / Owner	Meyer, James	A	jmeyer@aviation-repair.com
Director of Quality Assurance / Quality Manager	Falkowski, Mark	A	mfalkowski@aviation-repair.com
EASA Accountable Manager, 145 / UK Accountable Manager, 145	Meyer, James	A	jmeyer@aviation-repair.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
James Meyer	jmeyer@aviation-repair.com	562/437-2825	ALL
Mark Falkowski	mfalkowski@aviation-repair.com	562/437-2825	ALL

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Digitally signed by Benjamin Harris, Principal Maintenance Inspector (WP05)  
[1] SUPPORT INFO: A001 and A449 Template Changes Only. A007 Added EASA  
and UK Accountable Manager Titles  
[2] EFFECTIVE DATE: 10/8/2024, [3] AMENDMENT #: 9  
DATE: 2024.10.08 15:25:26 -05:00

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

  
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Mark Falkowski, Quality Manager

10/9/24  
\_\_\_\_\_  
Date

**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:	A1(562) 437-2825
Address:	1480 Canal Street
Address:	N/A
City:	Long Beach
State:	CA
Zip code:	90813

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](mailto: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 fewer than 50 safety-sensitive employees.

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Digitally signed by Benjamin Harris, Principal Maintenance Inspector (WP05)  
[1] SUPPORT INFO: A001 and A449 Template Changes Only. A007 Added EASA  
and UK Accountable Manager Titles  
[2] EFFECTIVE DATE: 10/8/2024, [3] AMENDMENT #: 6  
DATE: 2024.10.08 15:25:32 -05:00

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

\_\_\_\_\_  
Mark Falkowski, Quality Manager

\_\_\_\_\_  
10/9/24  
Date