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Part A

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A001 . Issuance and Applicability

HQ Control: 02/11/2016
HQ Revision: 05e

a. These operations specifications are issued to QUALITY AVIATION INSTRUMENTS, INC., 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:
903 McKee Road
White Oak, Pennsylvania 15131

Mailing Address:
903 McKee Road
White Oak, Pennsylvania 15131

b. The holder of these operations specifications is the holder of certificate number QI7R844N 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 conduct the operations described in subparagraph a under the following other business names:

Delegated authorities: QAI Aerospace

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

Digitally signed by David Shanahan, Principal Avionics Inspector (EA03)
[1] EFFECTIVE DATE: 3/15/2017, [2] AMENDMENT #: 15
DATE: 2017.03.15 06:21:20 -05:00

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

RE S 3-15-17

Sieber, Robert E, President — 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 Scott J Alexander, Principal Maintenance Inspector (EA03)
[1] SUPPORT INFO: Non-mandatory revision for A002; Notice 8900.458 for A003
[2] EFFECTIVE DATE: 5/9/2018, [3] AMENDMENT #: 11
DATE: 2018.05.09 07:03:05 -05:00

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

Smith, Justin Michael, Director of Operations — Date: 5/9/2018

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

Instrument Class 1: Mechanical
Instrument Class 2: Electrical
Instrument Class 3: Gyroscopic
Instrument Class 4: Electronic

Limited Ratings

Rating	Manufacturer	Make/Model	Limitations
Accessories	From the Capability List, as amended.	From the Capability List, as amended.	Authorization is limited to the inspection, maintenance, repair, and alteration of the accessories identified on the Quality Aviation Instruments Incorporated Capabilities List, QAI 13, current revision.
Radio	From the Capability List, as amended.	From the Capability List, as amended.	Authorization is limited to the inspection, maintenance, repair, and alteration of the radios identified on the Quality Aviation Instruments Incorporated Capabilities List, QAI 13, current revision.
Airframe	From the Capability List, as amended.	From the Capability List, as amended.	Authorization is limited to the inspection, maintenance, repair, and alteration of the wire harnesses/connectors identified on the Quality Aviation Instruments Incorporated Capabilities List, QAI 13, current revision.

Limited Ratings - Specialized Services

Rating	Specifications	Limitations
From the accepted Capability List as revised.	Quality Aviation Instruments, Inc., FAA Approved Process and Repair Specifications, as listed in the accepted Capability List as revised.	Repair limitations as contained in the Quality Aviation Instruments, Inc., FAA Approved Process and Repair Specifications, as listed in the accepted Capability List as revised.

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 Scott J Alexander, Principal Maintenance Inspector (EA03)
[1] SUPPORT INFO: FAA Form 8310-3 requests Limited Specialized Service
[2] EFFECTIVE DATE: 9/24/2018, [3] AMENDMENT #: 26
DATE: 2018.10.02 09:48:46 -05:00

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

Smith, Justin Michael, Director of Operations — Date: 10/4/2018

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
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
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with EASA ratings where the scope of work is authorized by a BASA/MAG (U.S.-EU), MIP/MaG (U.S.-Swiss).	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. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.

Digitally signed by David Shanahan, Principal Avionics Inspector (EA03)
[1] EFFECTIVE DATE: 7/11/2017, [2] AMENDMENT #: 12
DATE: 2017.07.11 08:55:57 -05:00

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

for Robert E. Sieber 8/31/2017

Sieber, Robert E, President Date

A007 . Designated Persons

HQ Control: 12/19/2006
HQ Revision: 030

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
FAA Accountable Manager, 145 / President	Sieber, Robert E	A,D
EASA Accountable Manager, 145	Sieber, Robert E	A,D
Director of Operations	Smith, Justin Michael	A,D

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

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

Digitally signed by David Shanahan, Principal Avionics Inspector (EA03)
[1] EFFECTIVE DATE: 9/16/2019, [2] AMENDMENT #: 13
DATE: 2019.09.16 06:35:16 -05:00

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

9/26/2019

FOR Robert E Sieber, President — Date

A449 . Antidrug and Alcohol Misuse Prevention Program **HQ Control: 07/17/2009**
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:	A1 (412) 346-0168
Address:	903 McKee Road
Address:	NA
City:	White Oak
State:	PA
Zip code:	15131

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.

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

Digitally signed by David Shanahan, Principal Avionics Inspector (EA03)
[1] SUPPORT INFO: Added rating and moved facility
[2] EFFECTIVE DATE: 7/21/2016, [3] AMENDMENT #: 2
DATE: 2016.07.21 07:26:37 -05:00

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

JAS for Robert E. Sieber 8/3/2016

Sieber, Robert E, President — Date

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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	01/12/2011	5

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
Quality Aviation Instruments may temporarily transport materials, equipment, and personnel required to perform maintenance, preventative maintenance, alterations, or certain specialized services on an article for which it is rated, to a place other than its fixed location or additional location. The Accountable Manager must notify the CHDO in writing of the circumstance, rationale, and justification for acceptance of this need.	Repair Station Manual Section 5-3 as revised.	NA as this is referenced in Repair Station Manual section 5-3.

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.

1. The Certificate Holder applies for the Operations in this paragraph.
2. Support information reference: Letter of correspondence Date 1/10/2011
3. These Operations Specifications are approved by direction of the Administrator.

2011.01.12 10:42:48 Central Standard Time
Location: WebOPSS
Digitally signed by David S Shanahan on
behalf of Olsen, James L., Principal
Maintenance Inspector (FAA03)

4. Date Approval is effective: 01/12/2011 Amendment Number: 5
5. I hereby accept and receive the Operations Specifications in this paragraph.

Sieber, Robert E, President

for Robert E. Sieber Date: 01/12/2011