

Air Agency Certificate

Number LE1R293K

This certificate is issued to
Maryland Q.C. Laboratories, Inc.
D/B/A/
MQC Labs, Inc.
whose business address is

1550 South Philadelphia Blvd.
Aberdeen, Maryland 21001

*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* CERTIFIED REPAIR STATION.

with the following ratings:
LIMITED SPECIALIZED SERVICE

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

Date issued:

FEBRUARY 23, 1984

APRIL 15, 2008

By direction of the Administrator



RONALD J. CURTIS, MANAGER AEA-FSDO-07

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

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	02/11/2016	03/18/2016	11
002 Definitions and Abbreviations	02/11/2016	03/18/2016	6
003 Ratings and Limitations	01/30/2004	11/27/2013	9
004 Summary of Special Authorizations and Limitations	09/23/1998	11/26/2008	4
007 Designated Persons	12/19/2006	05/16/2014	5
449 Antidrug and Alcohol Misuse Prevention Program	07/17/2009	03/04/2013	5

A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to Maryland Q C Laboratories, 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:
1550 South Philadelphia
P.O. Box 70
Aberdeen, Maryland 21001

Mailing Address:
1550 South Philadelphia
P.O. Box 70
Aberdeen, Maryland 21001

b. The holder of these operations specifications is the holder of certificate number LE1R293K 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. U.S./EU Aviation Safety Agreement Repair Station/Maintenance Organization Approvals not authorized.

e. The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

MQC Labs, Inc.
Delegated authorities: None

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



Digitally signed by John A Michelli, Principal Maintenance Inspector (EA07)
[1] EFFECTIVE DATE: 3/18/2016, [2] AMENDMENT #: 11
DATE: 2016.03.18 06:46:01 -05:00

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

Robert C. Wehl

3-24-2016

A002 . Definitions and Abbreviations

HQ Control: 02/11/2016

HQ Revision: 05c

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.
CFR	Code of Federal Regulations
Class rating	As used with respect to the certification, ratings, privileges, and limitation of aircraft 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	An approval provided to a repair station located outside the United

Authorization	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 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 Agreement, Annex 2, Maintenance.
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.
MOE	A maintenance organization exposition (MOE) pertains to EASA member countries that use an MOE in place of a Repair Station Manual (RSM) and a Quality Control Manual (QCM).
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 certificated repair station located in the United States.

Repair Station located outside the United States A 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 John A Michelli, Principal Maintenance Inspector (EA07)
[1] EFFECTIVE DATE: 3/18/2016, [2] AMENDMENT #: 6
DATE: 2016.03.18 06:46:04 -05:00

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

Robert C. Walsh

3.24.2016

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
----------------------	----------------------------	--------------------------	---------------------------

Limited Ratings - Specialized Services


<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Radiographic Inspection	IAW ASTM-E1742	Repair limitations as contained in the referenced Civil or Military Specification.
Real-Time Radioscopic Inspection	IAW ASTM-E1255, ASTM-E1411, ASTM-E1416	Repair limitations as contained in the referenced Civil or Military Specification.
Ultrasonic Inspection	IAW ASTM-E164, SAE AMS-STD 2154, ASTM-E2375	Repair limitations as contained in the referenced Civil or Military Specification.
Penetrant Inspection	IAW ASTM-E1417	Repair limitations as contained in the referenced Civil or Military Specification.
Magnetic Particle Inspection	IAW ASTM-E1444	Repair limitations as contained in the referenced Civil or Military Specification.

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



Digitally signed by John A Michelli, Principal Maintenance Inspector (EA07)
[1] EFFECTIVE DATE: 11/27/2013, [2] AMENDMENT #: 9
DATE: 2013.11.27 07:31:44 -06:00

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


Dewey, Bruce E., President ^{Corporate} Level III *SD*

12/3/2013

Date

A004. Summary of Special Authorizations and Limitations

HQ Control: 9/23/1998
HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	<u>Reference Paragraphs</u>
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*:

Use Exemptions.	A005
-----------------	------

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 U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107
---	------

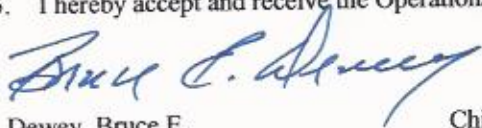
1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.


Michelli, John A. Principal Maintenance Inspector

EA07

4. Date Approval is effective: 11/26/08
5. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: 4


Dewey, Bruce E.

Chief Inspector

Date: 11/26/08

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	Welsh, Robert Charles	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

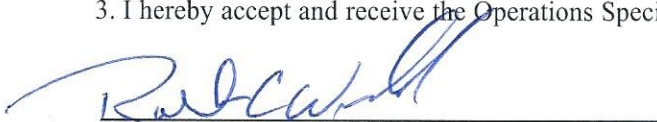
Name	Email Address	Telephone No.	Type of Information to Receive
Robert Welsh	support@mqclabs.com	410-575-7295	ALL

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



Digitally signed by John A Michelli, Principal Maintenance Inspector (EA07)
[1] EFFECTIVE DATE: 5/16/2014, [2] AMENDMENT #: 5
DATE: 2014.05.16 06:45:46 -05:00

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



Welsh, Robert Charles, President

5-20-2014

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:	A2 CONN034C
Address:	
Address:	
City:	
State:	
Zip code:	

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.

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



Digitally signed by John A Michelli, Principal Maintenance Inspector (EA07)
[1] EFFECTIVE DATE: 3/4/2013, [2] AMENDMENT #: 5
DATE: 2013.03.04 08:59:24 -06:00

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

Bruce E. Dewey

MAR 08 2013

Dewey, Bruce E., President

Date