

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number Q17R844N

This certificate is issued to

QUALITY AVIATION INSTRUMENTS, INCORPORATED

whose business address is

PRIMARY LOCATION

101 FIFTH AVENUE
MCKEESPORT, PA 15132

ADDITIONAL LOCATION

3433 BROADHEAD ROAD, SUITE #2 and #3 LOWER LEVEL
MONACA, PA 15061

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:

INSTRUMENT CLASS 1, 2, 3 AND 4
LIMITED ACCESSORIES
LIMITED RADIO
LIMITED SPECIALIZED SERVICES

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

Date issued:

APRIL 14, 1997

REISSUED: JUNE 1, 2009

By direction of the Administrator


WENDY L. GRIMM

MANAGER, AEA-FSDO-03

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

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A001. Issuance and Applicability

HQ Control: 11/16/04
HQ Revision: 050

- a. These operations specifications are issued to QUALITY AVIATION INSTRUMENTS, INC., a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
101 Fifth Avenue
McKeesport, PA 15132

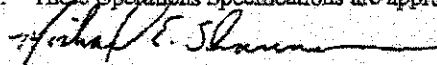
Mailing Address:
101 Fifth Avenue
McKeesport, PA 15132

- b. The holder of these operations specifications is the holder of Certificate Number Q17R844N 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 operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.
- d. The repair station specified on these operations specifications performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of a Bilateral Aviation Safety Agreement and associated Maintenance Implementation Procedures between the Federal Aviation Administration and a Foreign National Aviation Authority identified in Advisory Circular 145-8.

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

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


Shannon, Michael E. Principal Avionics Inspector

EA03

3. Date Approval is effective: 1/26/07 Amendment Number: 10
4. I hereby accept and receive the Operations Specifications in this paragraph.


Manuel, John Quality Assurance Director

Date: 1/26/07

A002. Definitions and Abbreviations

HQ Control: 11/16/04
HQ Revision: 050

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code 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.

**Bilateral Aviation
Safety Agreement
(BASA)**

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" shall mean 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.

**Domestic Repair
Station**

A certificated repair station located in the United States.

Exemption

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, Part 11.

**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.

FAA Form 8000-4-1

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

Foreign Repair Station

A certificated repair station located outside of the United States.

**Geographic
Authorization**

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or 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 the need of a U.S. air carrier or Part 129 foreign operator 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.

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.

<u>Limited Rating</u>	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.
<u>Limited Ratings - Specialized Services</u>	Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.
<u>Line Maintenance</u>	Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.
<u>Maintenance</u>	The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.
<u>Maintenance Implementation Procedures (MIP)</u>	Procedures for implementing the provisions of a BASA that apply to maintenance.
<u>MOE</u>	Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.
<u>Preventive Maintenance</u>	As defined in Appendix A subparagraph (c) of 14 CFR Part 43.
<u>QCM</u>	Quality Control Manual
<u>RSM</u>	Repair Station Manual
<u>Substantial Maintenance</u>	Any activity involving a C-check (routine airframe maintenance) or greater maintenance; any engine maintenance requiring case separation or teardown; and/or major alterations or major repairs performed on airframes, engines, or propellers.

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


Shannon, Michael E.

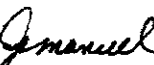
Principal Avionics Inspector

EA03

3. Date Approval is effective: 1/26/07

Amendment Number: 7

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


Manuel, John

Quality Assurance Director

Date: 1/26/07

A003. Ratings and Limitations

HQ Control: 01/30/04

HQ Revision: 010

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 accepted
Capability List, as
amended.

From the accepted Capability
List, as amended.

Accessory authorization is limited to maintenance of those items identified in the Quality Aviation Instruments, Inc. Capabilities List, dated 6/2004, as revised. Equipment for which the Repair Station does not provide suitable technical data, equipment, materials, facilities, and trained personnel are not authorized to be in these specifications.

Radio

From the accepted
Capability List, as
amended.

From the accepted Capability
List, as amended.

Radio authorization is limited to maintenance and alteration of components and their associated system components identified on Quality Aviation Instruments, Inc. FAA Capabilities List, dated 06/2004, as revised. Equipment for which the Repair Station does not provide suitable technical data, equipment, materials, facilities and trained personnel are not authorized to be in these specifications.

Limited Ratings - Specialized Services

Rating

Specifications

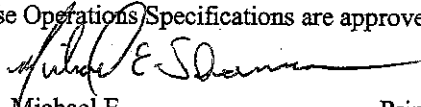
Limitations

From the accepted Capability List,
as amended.

Quality Aviation Instruments Inc.
Approved Process Specifications
listed in the Capabilities List
Manual, as revised.

Repair limitations as contained in the Quality
Aviation Instruments Inc. Approved Process
Specifications listed in the Capabilities List
Manual, as revised.

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


Shannon, Michael E.

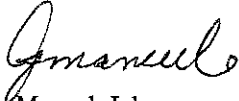
Principal Avionics Inspector

EA03

4. Date Approval is effective: 11/10/08

Amendment Number: 17

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


Manuel, John

Quality Assurance Director

Date: 11/10/08

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>
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
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 <i>not</i> authorized and shall not:	
Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
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: removal of a025
3. These Operations Specifications are approved by direction of the Administrator.


Olsen, James L.

Principal Maintenance Inspector

EA03

4. Date Approval is effective: 5/21/09

Amendment Number: 8

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


Sieber, Robert E

FAA Accountable Manager, 145

Date: 5/21/09

A007. Designated Persons

HQ Control: 12/19/06
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

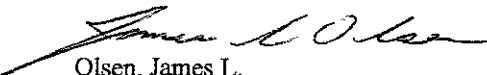
Title	Name	Parts Authorized
FAA Accountable Manager	Sieber, Robert E.	A, D
EASA Accountable Manager	Sieber, Robert E.	A, D
Quality Assurance Director	Sieber, Robert E.	A, D

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
Sieber, Robert E.	bobs@qualityaviationinstruments.com	412-346-0168	ALL
Sieber, Robert E.	bobs@qualityaviationinstruments.com	412-346-0168	ALL

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


Olsen, James L.

Principal Maintenance Inspector

EA03

4. Date Approval is effective: 5/21/09

Amendment Number: 9

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



Sieber, Robert E

FAA Accountable Manager, 145

Date: 5/21/09

A449. Antidrug and Alcohol Misuse Prevention Program

HQ Control: 01/22/04
HQ Revision: 000

- 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 sightseeing operation as defined by 14 CFR §135.1(c).
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 121 appendices I and J 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 I below:

Table I

Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	A1 (412) 346-0168
Address:	101 5th Avenue
Address:	N/A
City:	McKeesport
State:	PA
Zip code:	15132

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.

A101. Additional Fixed Locations

HQ Control: 11/16/04
HQ Revision: 010

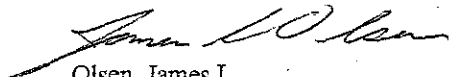
- a. The certificate holder may perform work at the following additional fixed location(s) listed in Table 1, provided it has the facilities, material, equipment and technical personnel to perform the work authorized:

Table 1

Additional Location Address(es)				
Address	City	State	Country	Postal Code
3433 Brodhead Road Suite 2 & 3 Lower Level	Monaca	PA	UNITED STATES	15061

- b. This authorizes the certificate holder to use multiple locations to perform its operations under a single certificate.
- c. This authorization does not constitute a geographic authorization for work performed at another location.
- d. The certificate holder may perform continuous operations at the facilities listed in Table 1 above.
- e. Privileges of a line station, as set forth by any EASA line station rating, are authorized at these locations, as applicable.
- f. All the authorizations and exemptions authorized for the certificate holder apply at these locations, as applicable.

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


Olsen, James L.


Principal Maintenance Inspector

EA03

4. Date Approval is effective: 6/1/09

Amendment Number: 5

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


Sieber, Robert E

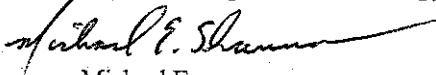
FAA Accountable Manager, 145

Date: 6/1/09

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

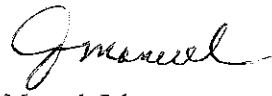
1. Issued by the Federal Aviation Administration.
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.


Shannon, Michael E.

Principal Avionics Inspector

EA03

4. Date Approval is effective: 6/26/08 Amendment Number: 5
5. I hereby accept and receive the Operations Specifications in this paragraph.


Manuel, John

Quality Assurance Director

Date: 6/26/08

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PART D - Additional Maintenance Authorizations & Limitations

		HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100	Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/04	07/22/08	3
107	Line Maintenance Authorization	08/16/07	(Not used)	

**D100. Work to be Performed at a Place Other Than the
Repair Station Fixed Location(s)**

HQ Control: 11/16/04
HQ Revision: 050

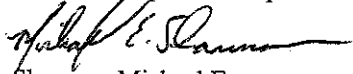
- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following 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, preventive 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 / Quality Control Manual, Page 16, as revised.	Repair Station / Quality Control Manual, Page 16, as revised.

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



Shannon, Michael E.

Principal Avionics Inspector

EA03

4. Date Approval is effective: 7/22/08

Amendment Number: 3

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



Manuel, John

Quality Assurance Director

Date: 7/22/08



European Aviation Safety Agency

APPROVAL CERTIFICATE

REFERENCE EASA.145.5377

Taking into account the provisions of Article 9(2) of Regulation(EC) 1592/2002 of the European Parliament and of the Council and the bilateral agreements currently in force between European Union Member States and the Government of the United States of America, the European Aviation Safety Agency (EASA) hereby certifies:

QUALITY AVIATION INSTRUMENTS Inc.
101 Fifth Avenue
Mc Keesport, Pennsylvania 15132
USA

as a Part-145 maintenance organisation 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:

1. The scope of the approval is limited to that specified on the FAR Part 145 repair station Air Agency Certificate, and the associated Operations Specifications for work carried out in the USA (unless otherwise agreed in a particular case by EASA).
2. This approval requires continued compliance with FAR Part 145 and the differences as specified in the Maintenance Implementation Procedures, including the use of the FAA Form 8130-3 for release/return to service of components up to and including powerplants.
3. Certificates of return to service must quote the EASA Part-145 approval reference number quoted above and the FAR Part 145 Air Agency Certificate number.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration until the approval is surrendered, superseded, suspended or revoked.

Date of issue 30th November 2005

Signed

For EASA



European Aviation Safety Agency

The Quality Manager

**QUALITY AVIATION INSTRUMENTS,
INC**

101 Fifth Avenue
Mc Keesport, Pennsylvania 15132
USA

Fax N°: 412 346 0169

Cologne, 24 May 2007

Ref. Letter: EASA D(2007)/L6/Rev 0/EASA.145.5377/01032

Subject: Continuation of EASA Part-145 approval

Dear Sir/Madam,

Following a positive recommendation from the **FAA** the European Aviation Safety Agency hereby confirms the continued validity of your EASA Part-145 approval until **01 July 2009**, subject to continued compliance with FAR 145 and the EASA special conditions as detailed in the Bilateral Aviation Safety Agreement (BASA) and associated Maintenance Implementation Procedures (MIP):

QUALITY AVIATION INSTRUMENTS, INC

EASA Part-145 Approval certificate reference number:

EASA.145.5377

You are reminded that you will be required to submit your next continuation paperwork package in accordance with the MIP-G which is available on our web site at www.easa.europa.eu.

Yours faithfully,

Julian Hall

Continuing Airworthiness Organisations Manager