

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number DQ3R458L

This certificate is issued to

Aeronautical Technology, Inc.
d/b/a Precision Aero Technology
whose business address is

3333 East Spring Street, Suite 311
Long Beach, California 90806

*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:

Radio
Accessory (12/11/1995)
Instrument (9/12/1999)
Limited Accessory (5/19/2000)
Limited Instrument (6/03/2004)
Limited Nondestructive Inspection, Testing, and Processing (5/15/2012)

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

Date issued:

February 13, 1985
Reissued: April 5, 2013

By direction of the Administrator



Gerald A. Boots
Manager, Long Beach FSDO

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	03/29/2016	6
002 Definitions and Abbreviations	12/14/2017	07/27/2020	5
003 Ratings and Limitations	04/03/2017	07/27/2020	9
004 Summary of Special Authorizations and Limitations	09/23/1998	09/13/2020	6
007 Designated Persons	12/19/2006	09/13/2020	5
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	04/03/2017	09/02/2020	0
449 Antidrug and Alcohol Misuse Prevention Program	07/17/2009	05/16/2012	2

A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to Aeronautical Technology, 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:
3333 East Spring Street, Suite 311
Long Beach, California 90806

Mailing Address:
3333 East Spring Street, Suite 311
Long Beach, California 90806

b. The holder of these operations specifications is the holder of certificate number DQ3R458L 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 use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

Precision Aero Technology
Delegated authorities:

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



Digitally signed by Scott Economy, Principal Avionics Inspector (WP05)

[1] SUPPORT INFO: HQ dated revisions

[2] EFFECTIVE DATE: 3/29/2016, [3] AMENDMENT #: 6

DATE: 2016.03.29 12:53:34 -05:00

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

A handwritten signature in black ink, appearing to read "R. Bermudez", written over a horizontal line.

Bermudez, Richard, Quality System Manager

MAR 29 2016

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. The Certificate Holder applies for the Operations in this paragraph.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Russel E. Parker, Principal Maintenance Inspector (WP05)
[1] SUPPORT INFO: DQ3R requested to updated (A007) to show current
designated Persons. Non-mandatory template change, Ratings and Limitations
(A003) and Definitions and Abbreviations (A002)
[2] EFFECTIVE DATE: 7/27/2020, [3] AMENDMENT #: 5
DATE: 2020.07.27 17:26:31 -05:00

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

A handwritten signature in black ink, appearing to read "Paul Bennett", is written over a horizontal line.

Paul Bennett, Quality System Manager

7/27/2020

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

Radio Class 1: Communications Equipment

Radio Class 2: Navigational Equipment

Radio Class 3: Radar Equipment

Instrument Class 2: Electrical

Instrument Class 3: Gyroscopic

Instrument Class 4: Electronic

Accessory Class 3: Electronic Accessories

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Instruments	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the inspection, repair and overhaul of instruments listed on the current revision of the accepted Capability List, document LTD-INST.
Accessories	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the inspection, repair and overhaul of accessories listed on the current revision of the accepted Capability List, document LTD-ACCY.
Nondestructive Inspection, Testing, and Processing	Magnetic Particle		In accordance with ASTM-E1444, as revised, the product manufacturer's current technical instructions or other data approved by the administrator.
	Eddy Current		In accordance with the product manufacturer's current technical instructions or other data approved by the administrator.
	Liquid Penetrant		In accordance with ASTM-E1417, as revised, the product manufacturer's current technical instructions or other data approved by the administrator.

Limited Ratings - Specialized Services

Rating

Specifications

Limitations

Rating

Specifications

Limitations

None Authorized

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 Russel E. Parker, Principal Maintenance Inspector (WP05)
[1] SUPPORT INFO: DQ3R requested to updated (A007) to show current
designated Persons. Non-mandatory template change, Ratings and Limitations
(A003) and Definitions and Abbreviations (A002)
[2] EFFECTIVE DATE: 7/27/2020, [3] AMENDMENT #: 9
DATE: 2020.07.27 17:26:25 -05:00

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

Handwritten signature of Paul Bennett in black ink.

Paul Bennett, Quality System Manager

Handwritten date "7/27/2020" in black ink.

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
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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
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. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Russel E. Parker, Principal Maintenance Inspector (WP05)

[1] EFFECTIVE DATE: 9/13/2020, [2] AMENDMENT #: 6

DATE: 2020.09.13 15:38:32 -05:00

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

A handwritten signature in black ink, appearing to read "Paul Bennett".

Paul Bennett, Quality System Manager

A handwritten date "9/13/2020" in black ink.

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	Stemwedel, Mark R	A
Director of Quality Assurance / Quality System Manager	Bennett, Paul	A

- 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
Bennett, Paul	pbennett@pat-pag.com	562-956055	ALL

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

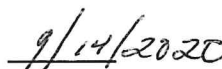


Digitally signed by Russel E. Parker, Principal Maintenance Inspector (WP05)
[1] SUPPORT INFO: Updating Table 2 to reflect Bennett, Paul to receive all INFO
Messages for DQ3R458L.
[2] EFFECTIVE DATE: 9/13/2020, [3] AMENDMENT #: 5
DATE: 2020.09.13 15:30:26 -05:00

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



Paul Bennett, Quality System Manager



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.)

N/A

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

Procedures QSM-OP-108 Electronic Signatures.

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").

N/A

1. Issued by the Federal Aviation Administration.

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



Digitally signed by Russel E. Parker, Principal Maintenance Inspector (WP05)

[1] SUPPORT INFO: Electronic Signatures Procedure -- [QSM-OP-108] --

Procedure has been reviewed and accepted and will be added to the Repair Station Manual.

[2] EFFECTIVE DATE: 9/2/2020, [3] AMENDMENT #: 0

DATE: 2020.09.03 12:09:38 -05:00

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

Handwritten signature of Paul Bennett in black ink.

Paul Bennett, Quality System Manager

Handwritten date "9/3/2020" in black ink.

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 (562) 595-6055
Address:	3333 East Spring Street, Suite 311
Address:	N/A
City:	Long Beach
State:	CA
Zip code:	90806

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. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2012.05.22 09:55:27 Central Daylight Time
Location: WebOPSS
Digitally signed by Victor H Hutchings,
Principal Avionics Inspector (WP05)

4. Date Approval is effective: 05/16/2012 Amendment Number: 2
5. I hereby accept and receive the Operations Specifications in this paragraph.

Stemwedel, Mark R, President

A handwritten signature in blue ink, appearing to read "Stemwedel", with a stylized flourish at the end.

Date: 05/16/2012
