

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number Q6GR293Y

This certificate is issued to
TURBINE ENGINE SOLUTIONS INC.
DBA / POWERHOUSE ENGINES
whose business address is
14080 S.W. 143RD COURT
MIAMI, FLORIDA 33186

*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:
LIMITED POWERPLANT

LIMITED NON-DESTRUCTIVE TESTING (5/15/2009)

LIMITED SPECIALIZED SERVICE (5/15/2009)

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

By direction of the Administrator

Date issued:

JUNE 24, 2005

RICHARD FALCON
AFG-800 SOUTH FLORIDA FSDO-19

**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: 05/10/2024

HQ Revision: 05g

a. These operations specifications are issued to TURBINE ENGINE 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:
14080 SW 143rd Court
Miami, Florida 33186

b. The holder of these operations specifications is the holder of certificate number Q6GR293Y 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 conduct the operations described in subparagraph a under the following other business names:

Powerhouse Engines

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



Digitally signed by Donald H Casto, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 5/21/2025, [2] AMENDMENT #: 4
DATE: 2025.05.21 15:13:09 -05:00

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



Neil Bazain, FAA Accountable Manager, 145

June 3, 2025

Date

A002 . Definitions and Abbreviations

HQ Control: 01/12/2012

HQ Revision: 05b

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.
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.
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	An approval 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 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./EC 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 Linda A Burnett on behalf of CASTO, DONALD, Principal
Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 3/12/2014, [2] AMENDMENT #: 1
DATE: 2014.03.12 13:11:21 -05:00

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

A handwritten signature in dark ink, appearing to read "Neil Bazain", written over a horizontal line.

Bazain, Neil, FAA Accountable Manager, 145

A handwritten date in dark ink, "March 14, 2014", written over a horizontal line.

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

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Nondestructive Inspection, Testing, and Processing			Magnetic Particle and Penetrant Inspection shall be accomplished with the Manufacturer's Current Technical Data, Customer Air Carrier Manual (145.205) , Current PWA Standard practice Manual or other data acceptable to the Administrator
PowerPlant	Pratt and Whitney	JT8D-1 Thru 17AR and JT8D-200 Series	Authorized to perform maintenance, alterations and overhaul. Work shall be performed in accordance with the manufacturer's current technical data, the customer's air carrier manual or other data acceptable to the Administrator.
	Pratt and Whitney Canada	PT6A-6 through PT6A-135 Series	Authorized to perform maintenance, alterations and overhaul. Work shall be performed in accordance with the manufacturer's current technical data, the customer's air carrier manual or other data acceptable to the Administrator.
	CFM International	CFM Engines Fuel Nozzle Assemblies	Fuel Nozzle Flow and Bench Check
	CFM International	CFM56 Series	Authorized to perform maintenance, alterations and overhaul. Work shall be performed in accordance with the manufacturer's current technical data, the customer's air carrier manual or other data acceptable to the Administrator
	G.E.	CF6 Engines Series	Authorized to perform maintenance, alterations and overhaul. Work shall be performed in accordance with the manufacturer's current technical data, the customer's air carrier manual or other data acceptable to the Administrator

Limited Ratings - Specialized Services

Rating Specifications Limitations

Rating Specifications Limitations

Welding TIG Welding TIG Welding repairs using the methods, techniques, and practices prescribed in the current manufacturers maintenance manual, Current PWA Standard Practices, or Instructions for Continued Airworthiness, or other methods, techniques, and practices acceptable to the Administrator

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



Digitally signed by Linda A Burnett on behalf of Donald H Casto, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 9/14/2021, [2] AMENDMENT #: 5
DATE: 2021.09.14 13:18:02 -05:00

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

A handwritten signature in black ink, appearing to read "Sigifredo Osorio", is written over a horizontal line. To the right of the signature is a circular stamp containing the text "T.E.S. Q.C." and the number "10".

Sigifredo Osorio, Director of Quality Control

SEP 14 2021

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:

**Reference
Paragraphs**

Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media. A025

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 maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP. 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 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.

Espinosa, Luis M.

Principal Maintenance Inspector

SO19

4. Date Approval is effective: 11/1/07

Amendment Number: 1

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

Bazain, Neil

FAA Accountable Manager, 145

Date: 11/1/07

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	Bazain, Neil	A,D	n.bazain@turbineenginesolutions.com
Director of Quality Assurance / Director of Quality Control	Cordero, Martin	A,D	m.cordero@turbineenginesolutions.com
VP of Operations	De Jesus, Eradin	A,D	eradind@turbineenginesolutions.com
EASA Accountable Manager, 145	Bazain, Neil	A,D	n.bazain@turbineenginesolutions.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
Bazain, Neil	n.bazain@turbineenginesolutions.com	305-254-0034	ALL
Cordero, Martin	m.cordero@turbineenginesolutions.com	305-254-0034	ALL
Eradin, De Jesus	eradind@turbineenginesolutions.com	305-254-0034	ALL

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



Digitally signed by Donald H Casto, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 5/21/2025, [2] AMENDMENT #: 4
DATE: 2025.05.21 15:13:16 -05:00

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

A handwritten signature in blue ink, appearing to read "Neil Bazain", written over a horizontal line.

Neil Bazain, FAA Accountable Manager, 145

A handwritten date in blue ink, "June 3, 2025", written over a horizontal line.

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").

N/A

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").

In accordance with Turbine Engine Solutions Inc. Repair Station and Quality Manual Section 1.2.

1. Issued by the Federal Aviation Administration.

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



Digitally signed by Donald H Casto, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 5/21/2025, [2] AMENDMENT #: 1
DATE: 2025.05.21 15:13:21 -05:00

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



Neil Bazain, FAA Accountable Manager, 145

June 3, 2025

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 (305) 254-0034
Address:	14080 SW 143rd Court
Address:	
City:	Miami
State:	FL
Zip code:	33186

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.

(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.

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



Digitally signed by Donald H Casto, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 5/21/2025, [2] AMENDMENT #: 3
DATE: 2025.05.21 15:13:28 -05:00

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



Neil Bazain, FAA Accountable Manager, 145

June 3, 2025

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's Fixed Location(s)	05/20/2024	05/21/2025	1

D100 . Work to be Performed at a Place Other Than the Repair Station's Fixed Location(s) HQ Control: 05/20/2024
HQ Revision: 05a

a. The certificate holder is authorized to perform work on a recurring basis at a location other than its fixed location(s) listed in Operations Specification A001, Issuance and Applicability, and, if issued, A101, Additional Fixed Locations, provided it has the facilities, material, equipment, and technical personnel to perform the work authorized in Table 1 below:

Table 1 - Work Authorized

Work Authorized	Repair Station Manual References	Quality Control Manual References
Minor Repairs and Alterations	Turbine Engine Solutions Inc. Repair Station and Quality Manual Section 1.6	Turbine Engine Solutions Inc. Repair Station and Quality Manual Section 1.6

b. Work Authorized. The work authorized in Table 1 above could be the repair station's entire rating(s) or portions thereof.

c. Repair Station Manual (RSM). Table 1 must list the section(s) in the RSM and, if applicable, the Quality Control Manual (QCM) that contain the procedures that govern how the repair station will perform work on a recurring basis at a place other than the repair station's fixed location(s).

d. Continuous Operations. Issuance of this operations specification does not authorize continuous operations at a location away from the repair station's fixed location(s) listed in operations specification A001 and, if issued, A101.

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



Digitally signed by Donald H Casto, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 5/21/2025, [2] AMENDMENT #: 1
DATE: 2025.05.21 15:13:02 -05:00

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



Neil Bazain, FAA Accountable Manager, 145

June 3, 2025

Date