

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number HN6D593N

This certificate is issued to
AVIATION TECHNICAL SERVICES, INC.
DBA AVIATION TECHNICAL SERVICES, ATS

whose business address is
6955 22ND AVENUE NORTHEAST
MOSES LAKE, WASHINGTON 98837

*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:

AIRFRAME
LIMITED AIRFRAME
LIMITED ENGINES
LIMITED NONDESTRUCTIVE INSPECTION, TESTING & PROCESSING
LIMITED SPECIALIZED SERVICES

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

Date issued:
MARCH 14, 2014

By direction of the Administrator


ROGER D. NICELY
MANAGER, AFG-SEA-FSDO-01

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: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to Aviation Technical Services, Inc. - Moses Lake, 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:
6955 22nd Ave NE
Moses Lake, Washington 98837

Mailing Address:
3121 - 109th Street Southwest
Everett, Washington 98204

b. The holder of these operations specifications is the holder of certificate number HN6D593N 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:

Aviation Technical Services
ATS

Delegated authorities: None

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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



Digitally signed by Rodney O Ziegler, Principal Maintenance Inspector (NM01)
[1] SUPPORT INFO: OPSS Template Change
[2] EFFECTIVE DATE: 11/3/2016, [3] AMENDMENT #: 3
DATE: 2016.11.03 17:19:17 -05:00

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

Handwritten signature of Nick Heminger in black ink.

11/17/2016

Heminger, Nick, Manager, Quality

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 Rodney O Ziegler, Principal Maintenance Inspector (NM01)
[1] EFFECTIVE DATE: 1/10/2018, [2] AMENDMENT #: 2
DATE: 2018.01.10 08:48:02 -06:00

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

Claire Cortez

Cortez, Claire, Manager, Quality

10 JAN 18

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

Airframe Class 4: All-Metal Construction of Large Aircraft

Limited Ratings

<u>Rating</u>	<u>Manufacturer Make/Model</u>		<u>Limitations</u>
Airframe	Boeing	B-787	None.
Engines	CFM	CFM56	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	Pratt & Whitney	JT8D-1 through JT8D-17AR (TCDS E2EA)	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs. Exceptions authorized: Removal and installation of rotating components to and including C1 and C2 disks and vane assemblies & Noise attenuation modifications in accordance with Supplemental Type Certificates (STC) ST00350AT, SA3993NM, SA5839NM, and SA4833NM are authorized.
	Pratt & Whitney	JT9D	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	Pratt & Whitney	PW2000	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	Pratt & Whitney	PW4000	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	Rolls Royce	RB211	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	General Electric	CF6	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	International	V2500	Engine maintenance and repair excluding overhaul

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
	Aero		and operations requiring case separation. No major alterations or major repairs.
	International Aero	V2527	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs.
	Pratt & Whitney	JT8D-200 series	Engine maintenance and repair excluding overhaul and operations requiring case separation. No major alterations or major repairs. Exceptions authorized: Removal and installation of rotating components to and including C1 and C2 disks and vane assemblies.
Nondestructive Inspection, Testing, and Processing	All	All	•Fluorescent Penetrant •Magnetic Particle •Eddy Current •Ultrasonic

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Welding	Gas Tungsten Arc Welding (GTAW): Boeing Process Specification BAC 5975	None
	Fusion Welding: American National Standard AWS D17.1/D17.1M:2017	None

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



Digitally signed by Rodney O Ziegler, Principal Maintenance Inspector (NM01)
[1] SUPPORT INFO: update welding spec
[2] EFFECTIVE DATE: 11/16/2017, [3] AMENDMENT #: 5
DATE: 2017.11.16 18:48:31 -06:00

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

Claire Cortez 11/16/2017
Cortez, Claire, Manager, Quality 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
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

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 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 James P. Albrecht II, Principal Maintenance Inspector (NM01)
[1] EFFECTIVE DATE: 3/5/2020, [2] AMENDMENT #: 3
DATE: 2020.03.05 16:11:13 -06:00

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

Claire Cortez

Claire Cortez, Manager, Quality

3/5/2020

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
SMS Program Manager	Heminger, Nick	A,D
FAA Accountable Manager, 145 / Director Quality	Cornell, Jeff	A,D
Manager, Quality	Cortez, Claire	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
Heminger, Nick	Nick.Heminger@ATSMRO.com	425-423-3371	ALL
Cortez, Claire	Claire.Cortez@ATSMRO.com	425-423-3429	ALL

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



Digitally signed by James P. Albrecht II, Principal Maintenance Inspector (NM01)
[1] EFFECTIVE DATE: 11/4/2019, [2] AMENDMENT #: 4
DATE: 2019.11.05 13:14:55 -06:00

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

Claire Cortez

Claire Cortez, Manager, Quality

11-5-2019

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.)

Repair Station Manual Section 4.31, paragraph 6.6, "Electronic Records".

- 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").

The Repair Station Manuals, Volumes 1 through 6, as listed in Section 4.25.1 of Volume 1 (RSM), are on a media network and available on Compact Disc (CD).

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



Digitally signed by Rodney O Ziegler, Principal Maintenance Inspector (NM01)

[1] SUPPORT INFO: Template change.

[2] EFFECTIVE DATE: 4/27/2017, [3] AMENDMENT #: 1

DATE: 2017.04.27 14:46:16 -05:00

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

Claire Cortez

Cortez, Claire, Manager, Quality

5-3-2017

Date

A101 . Additional Fixed Locations

HQ Control: 02/15/2018

HQ Revision: 01a

a. The certificate holder may perform work at the following additional fixed location(s) listed in Table 1 below, 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
"Warehouse" Bldg 2114 7966 Andrews St. NE	Moses Lake	Washington	UNITED STATES	98837

b. This authorizes the certificate holder to use multiple locations to perform its operations under a single certificate.

c. This authorization does not constitute work performed at additional location(s) outside the domiciled country.

d. The certificate holder may perform continuous operations at the facilities listed in Table 1 above.

e. All the authorizations and exemptions authorized for the certificate holder apply at these locations, as applicable.

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



Digitally signed by Rodney O Ziegler, Principal Maintenance Inspector (NM01)

[1] SUPPORT INFO: Template rev.

[2] EFFECTIVE DATE: 3/22/2018, [3] AMENDMENT #: 3

DATE: 2018.03.22 11:02:03 -05:00

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

Claire Cortez

Cortez, Claire, Manager, Quality

3/22/18

Date

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

A149, Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2000

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 141 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 129 and 49 CFR Part 10 for the 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 (CONNY16C)
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.

The certificate holder has fewer than 50 safety-sensitive employees.

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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



Digitally signed by Rodney O Ziegler, Principal Maintenance Inspector (NM01)
[U] EFFECTIVE DATE: 4/10/2014, [A] AMENDMENT #: 1
DATE: 2014.04.23 08:36:14 -05:00

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

Nick Messer

04/24/2014

Executive, Nick, Manager, Quality

Date