

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

# Air Agency Certificate

*Number* TFPR634K

*This certificate is issued to*

PAS TECHNOLOGIES, INC

*whose business address is*

1021 NORTH 22<sup>ND</sup> AVENUE  
PHOENIX, ARIZONA 85009

*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:*

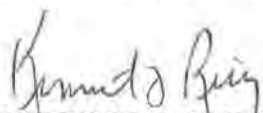
LIMITED AIRFRAME (06/07/1999)  
LIMITED ENGINE (06/07/1999)  
LIMITED ACCESSORIES (06/07/1999)  
LIMITED NONDESTRUCTIVE INSPECTION (06/07/1999)  
LIMITED SPECIALIZED SERVICES (06/07/1999)  
LIMITED LANDING GEAR COMPONENTS (10/01/2010)

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

*Date issued:*

*By direction of the Administrator*

DECEMBER 30, 1991  
REISSUED OCTOBER 1, 2010

  
KENNETH J. REILLY  
MANAGER, SCOTTSDALE 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

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**A001 . Issuance and Applicability**

**HQ Control: 05/06/2022**

**HQ Revision: 05f**

a. These operations specifications are issued to PAS Technologies, 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:  
1021 North 22nd Avenue  
Phoenix, Arizona 85009

Mailing Address:  
1021 North 22nd Avenue  
Phoenix, Arizona 85009

b. The holder of these operations specifications is the holder of certificate number TFPR634K 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.

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.

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



Digitally signed by Randy L Weese, Principal Maintenance Inspector (WP07)  
[1] EFFECTIVE DATE: 6/26/2023, [2] AMENDMENT #: 8  
DATE: 2023.06.26 10:18:51 -05:00

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

  
\_\_\_\_\_

Christopher Nida, Chief Inspector

JUN 26 2023

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.

<b>BASA</b>	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.
<b>Certificate Holder</b>	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.
<b>CAAS</b>	Civil Aviation Authority of Singapore
<b>CFR</b>	Code of Federal Regulations
<b>Class Rating</b>	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories within a category having similar operating characteristics.
<b>EASA</b>	European Aviation Safety Agency
<b>EASA Accountable Manager</b>	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.
<b>EU</b>	European Union
<b>Exemption</b>	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.
<b>FOCA</b>	Federal Office of Civil Aviation
<b>FAA Accountable Manager</b>	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.

<b>Geographic Authorization</b>	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.
<b>Limited Rating</b>	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.
<b>Limited Ratings - Specialized Services</b>	Rating issued for a special maintenance function when the function is performed in accordance with a specification approved by the Administrator.
<b>Line Maintenance</b>	Any unscheduled maintenance resulting from unforeseen events, or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.
<b>MAG</b>	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.
<b>Maintenance</b>	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
<b>U.S./EU Aviation Safety Agreement, Annex 2, Maintenance</b>	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.
<b>MIP</b>	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).
<b>MOE</b>	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 Randy L Weese, Principal Maintenance Inspector (WP07)  
[1] EFFECTIVE DATE: 6/26/2023, [2] AMENDMENT #: 7  
DATE: 2023.06.26 10:19:35 -05:00

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

  
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Christopher Nida, Chief Inspector

JUN 26 2023

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**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make/Model</u></b>	<b><u>Limitations</u></b>
Airframe	From the Capability List, as amended.	From the Capability List, as amended.	Limited to piece parts.
Engines	From the Capability List, as amended.	From the Capability List, as amended.	Limited to piece parts. Excludes complete engine overhaul.
Accessories	From the Capability List, as amended.	From the Capability List, as amended.	Limited to Mechanical accessories.
Landing Gear Components	From the Capability List, as amended.	From the Capability List, as amended.	Limited to piece parts.
Nondestructive Inspection, Testing, and Processing	See Limitations	See Limitations	Liquid Penetrant I/A/W ASTM-E-1417, BAC 5423, and AMS 2645, as revised.  Magnetic Particle I/A/W ASTM-E-1444, AMS 2640, BAC 5424, and Boeing Specifications 20-20-01, as revised.  Nital Etch I/A/W MIL-STD-867 and Boeing BAC 5436, as revised.

**Limited Ratings - Specialized Services**

<b><u>Rating</u></b>	<b><u>Specifications</u></b>	<b><u>Limitations</u></b>
Anodize	MIL-A-8625, Type I, Type II, Type III, Chromic, Sulfuric, and Hard Anodize, PN 14.06, AMS 2470, BAC 5019, P6444, AMS 2471, AMS 2472, BAC 5022, BAC 5821 (Class 1 & 2), AMS 2469, EMS 52401, EMS 52456, GPS 3205-1. All as revised	Repair limitations as contained in the referenced Civil or Military Specification.



<b><u>Rating</u></b>	<b><u>Specifications</u></b>	<b><u>Limitations</u></b>
Alodine	MIL-C-5541, AMS 2473, BAC 5719, PN 14.12. All as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Chrome Plating	ASTM-B-177, ASTM-B-650, AMS 2406, AMS2460, AMS 2438, EMS 52410, EMS 52443, BAC 5709, Boeing Standard Overhaul Practices Manual (Chapter 20). All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Passivation	MIL-S-5002, C 5041, PN 14.10, GPS 3000-1, BAC 5625, ASTM-A-967, ASTM-A-380. All as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Solid Film Lubricant	MIL-STD-186, BAC 5811, MIL-L-23398, EMS 52402, EMS 52481, GPS 3211-1, GPS 7004-1, MIL-PRF-81329, MIL-PRF-46010. All as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Paint	MIL-STD-1303, MIL-STD-171, FP 5025, BAC 5736, BAC 5845, MIL-C-8514, MIL-STD-7179, MIL-F-18264, MIL-PFR-85285, MIL-PRF-23377, Boeing Standard Overhaul Practices Manual (Chapter 20). All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Phosphate Coatings (Heavy, Manganese, or Zinc Base)	BAC 5810, MIL-DTL-16232, AMS2481. All as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Cleaning Methods	TT-C-490D, MIL-S-5002, ASTM-A-380. All as revised	Repair limitations as contained in the referenced Civil or Military Specification.
Electroless Nickel Plating	HS 201, ASTM-B-656, ASTM-B-733, AMS 2404, AMS 2405, EMS 52404, GPS 7003-1, Boeing Standard Overhaul Practices Manual (Chapter 20) and SPOP 311 Electroless Nickel Plating on Titanium Alloys(PWA 36) All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Cadmium Plating	MIL-STD-865, BAC 5718, BAC 5854, MIL-STD-870, AMS-QQ-P-416, AMS-2400, Boeing Standard Overhaul Practices Manual (Chapter 20). All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Nickel Plating	MIL-STD-865, BAC 5746, AMS 2403, AMS 2424, AMS-QQ-N-290, Boeing Standard Overhaul Practices Manual (Chapter 20). All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Copper Plating	AMS 2418, BAC 5722, All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Silver Plating	AMS 2410, AMS 2412, All as revised.	Repair limitations as contained in the referenced Civil or Military Specification.
Black Oxide Coating	MIL-DTL-13924D as revised	Repair limitations as contained in the referenced Civil or Military Specification.

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Shot Peening	BAC5730, AMS2430, AMS2431 and AMS2432. All as revised	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 Randy L Weese, Principal Maintenance Inspector (WP07)  
[1] EFFECTIVE DATE: 1/23/2024, [2] AMENDMENT #: 8  
DATE: 2024.01.23 08:34:14 -06:00

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

  
\_\_\_\_\_  
Christopher Nida, Chief Inspector

1 JAN 24 2024  
\_\_\_\_\_  
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
Perform safety-sensitive functions requiring a drug and alcohol testing program under 14 CFR part 120	A449

**b. The certificate holder is *not* authorized and *shall not*:**

	Reference Paragraphs
Use Exemptions.	A005
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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 Drew W. Holmes, Principal Maintenance Inspector (WP07)  
[1] SUPPORT INFO: Reissued paragraph, previous document not FAA signed,  
original effective date 7/3/06  
[2] EFFECTIVE DATE: 6/24/2022, [3] AMENDMENT #: 2  
DATE: 2022.06.24 09:11:17 -05:00

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

  
\_\_\_\_\_  
Christopher Nida, Chief Inspector

6.24.22  
\_\_\_\_\_  
Date

**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**

<b>Title</b>	<b>Name</b>	<b>Parts Authorized</b>	<b>Email Address</b>
Chief Inspector	Nida, Christopher	A	Christopher.Nida@standardAero.com
FAA Accountable Manager, 145 / General Manager	Conforto, Phil	A	Philip.Conforto@standardAero.com
Director of Quality Assurance / Quality Assurance Manager	Soward, Mark	A	Mark.Soward@standardAero.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**

<b>Name</b>	<b>Email Address</b>	<b>Telephone No.</b>	<b>Type of Information to Receive</b>
Conforto, Phil	Philip.Conforto@standardAero.com	602-744-2615	ALL
Soward, Mark	Mark.Soward@standardAero.com	602-744-2647	ALL

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



Digitally signed by Randy L Weese, Principal Maintenance Inspector (WP07)  
[1] EFFECTIVE DATE: 6/26/2023, [2] AMENDMENT #: 8  
DATE: 2023.06.26 16:01:17 -05:00

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

  
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Christopher Nida, Chief Inspector

JUN 26 2023

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**

<b>Location &amp; Telephone of Drug and Alcohol Testing Program Records</b>	
<b>Telephone Number:</b>	A2(CONN502B)
<b>Address:</b>	
<b>Address:</b>	
<b>City:</b>	
<b>State:</b>	
<b>Zip code:</b>	

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 50 or more safety-sensitive employees.

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



Digitally signed by Randy L Weese, Principal Maintenance Inspector (WP07)  
[1] EFFECTIVE DATE: 6/26/2023, [2] AMENDMENT #: 4  
DATE: 2023.06.26 10:21:18 -05:00

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

  
\_\_\_\_\_  
Christopher Nida, Chief Inspector

JUN 26 2023  
\_\_\_\_\_  
Date