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**A001 . Issuance and Applicability**

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

**HQ Revision: 05f**

a. These operations specifications are issued to Ace Precision Machining, LLC, 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:  
W146 N5714 Enterprise Avenue  
Menomonee Falls, Wisconsin 53051

b. The holder of these operations specifications is the holder of certificate number QAPR054K 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 use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

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 Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Repair Station Name Change  
[2] EFFECTIVE DATE: 3/15/2023, [3] AMENDMENT #: 10  
DATE: 2023.03.16 08:36:09 -05:00

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

*ASchneider*

*3/16/2023*

Allen Schneider, Quality Manager

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



Digitally signed by Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Repair Station Name Change  
[2] EFFECTIVE DATE: 3/15/2023, [3] AMENDMENT #: 10  
DATE: 2023.03.16 08:36:18 -05:00

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

Handwritten signature of Allen Schneider.

Allen Schneider, Quality Manager

3/14/2023

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>
PowerPlant	Honeywell	TFE731 Series.	As listed on the accepted Capabilities List as amended.
	Honeywell	TPE331 Series.	As listed on the accepted Capabilities List as amended.
	Honeywell	AS907 Series.	As listed on the accepted Capabilities List as amended.
	Rolls-Royce	AE3007 A & C Series	As listed on the accepted Capabilities List as Amended.
	Rolls- Royce	Trent 900 Series	As listed on the accepted Capabilities List as Amended.
Accessories	Honeywell	GTCP 36, 85, 331, 660 and 700 Series APU's.	As listed on the accepted Capabilities List as amended.
	Hamilton Sundstrand	T-20G Series APU's	As listed on the accepted Capabilities List as amended.
	Honeywell	GTCP 131-9 Series APU's.	As listed on the accepted Capabilities List as amended.
	Honeywell	RE220 APU's	As listed on the accepted Capabilities List as amended.
	Honeywell	RE100 APU's	As listed on the accepted Capabilities

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<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
			List as amended.

**Limited Ratings - Specialized Services**

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Non Destructive Inspection	Liquid Penetrant. In accordance with ASTM E-1417.	Or as otherwise specified by the manufacturer's procedures. See Note 1.
Electron Beam Welding	In accordance with AMS 2681, latest revision.	Or as otherwise specified by the manufacturer's procedures. See Note 2.
Heat Treating.	In accordance with Honeywell specification HT 5088,	Or as otherwise specified by the manufacturer's procedures. See Note 2.
Pressure Testing.	In accordance with Honeywell specification EMS 52310.	Or as otherwise specified by the manufacturer's procedures. See Note 2.
Brazing	In accordance with Honeywell specification WBS 5027	Or as otherwise specified by the manufacturer's procedures. See Note 2.
Plasma Spray Coating.	In accordance with Honeywell specification EMS 52432.	Or as otherwise specified by the manufacturer's procedures. See Note 2.
Fusion Welding	In accordance with AWS D17.1, latest revision.	Or as otherwise specified by the manufacturer's procedures. See note 2.
Resistance Welding	In Accordance with AWS D17.2, latest revision.	Or as otherwise specified by the manufacturer's procedures. See Note 2.
Non-Conventional Machining	In accordance with Honeywell specifications 91547-P6063, EMS52571 and EMS52572	Or as otherwise specified by the manufacturer's procedures. See note 2.

*Note 1. N.D.I. will be conducted in accordance with the referenced standard. The inspection mediums used may be more sensitive than specified by the manufacturer, but under no circumstances, less sensitive.*

*Note 2. The following applies and must be observed regarding any and all Specialized Service ratings. 1. Subcontracting as a whole and/or a portion of the service is not authorized. 2. Overhauls of any kind shall not be permitted under this rating.*



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 Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Addition of Honeywell AS907 Series to Powerplant Limited  
Ratings.  
[2] EFFECTIVE DATE: 10/25/2024, [3] AMENDMENT #: 24  
DATE: 2025.01.22 10:27:11 -06:00

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

A handwritten signature in blue ink, appearing to read "Allen Schneider".

1/23/25

Allen Schneider, Quality Manager

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



Digitally signed by Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Repair Station Name Change  
[2] EFFECTIVE DATE: 3/15/2023, [3] AMENDMENT #: 14  
DATE: 2023.03.16 08:36:36 -05:00

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

A handwritten signature in black ink, appearing to read "Allen Schneider".

Allen Schneider, Quality Manager

3/16/2023

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**

Title	Name	Parts Authorized	Email Address
Vice President of Engineering and Quality	Choy, Diana	A	diana.choy@aceprecision.com
Quality Manager	Schneider, Allen	A	allen.schneider@aceprecision.com
Vice President of Operations	Eubanks, Sheri	A	Sheri.eubanks@aceprecision.com
Vice President of Supply Chain	Mack, Stacey	A	Stacey.mack@aceprecision.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
Schneider, Allen	allen.schneider@aceprecision.com	262-252-4003	ALL
Choy, Diana	diana.choy@aceprecision.com	262-252-4003	ALL

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 Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Repair Station Name Change  
[2] EFFECTIVE DATE: 3/15/2023, [3] AMENDMENT #: 12  
DATE: 2023.03.16 08:36:44 -05:00

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

Handwritten signature of Allen Schneider in cursive script.

3/16/2023

Allen Schneider, Quality 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.)

Authorized to use those functions within the ACE Intranet to include the Enterprise Resource Planning and Calibration Management Software systems and referenced in Chapter 4 and 13 of the Repair Station manual and detailed in the Ace Precision Repair & Overhaul Database User Guide, DWI 9-16.643.

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

As identified in the Ace Precision Repair and Overhaul Database system. Reference Department Work Instruction number DWI 9-16.643, the Repair Station Manual Chapter 4, "Document Control" and Chapter 13, "Required Records and Record Keeping System".

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").

"Read only" manuals are available to all repair station personnel via the ACE Intranet. Revision to be performed by Quality Manager or Designee only. Reference Chapter 4, "Document Control", of the 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 Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Repair Station Name Change  
[2] EFFECTIVE DATE: 3/15/2023, [3] AMENDMENT #: 7  
DATE: 2023.03.16 08:36:50 -05:00

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

Handwritten signature of Allen Schneider in black ink.

Allen Schneider, Quality Manager

Handwritten date "3/16/2023" in black ink.

Date

**A101 . Additional Fixed Locations**

**HQ Control: 12/11/2020**

**HQ Revision: 01b**

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

**Table 1**

Additional Location Address(es)				
Address	City	State	Country	Postal Code
977 Blue Ribbon Circle	Oconomowoc	Wisconsin	UNITED STATES	53066

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

c. With the exception of the provisions of subparagraph g below, 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.

f. Repair stations located outside the United States covered by the U.S./European Union (EU) Safety Agreement must be under the surveillance of an aviation authority (AA), hold a European Aviation Safety Agency (EASA) line station approval, and must be located within the EU Member States.

g. Repair stations with their principal place of business located within the United Kingdom of Great Britain and Northern Ireland (UK) operating under the Maintenance Implementation Procedures (MIP) are authorized additional fixed locations outside of the UK. The repair station must hold a UK Civil Aviation Authority (CAA) approval, be under direct surveillance by the UK CAA for that location, and must not be located within the United States.

*The following Repair Station functions are performed at the Oconomowoc facility: raw material receiving, machining, expanding, wire EDM, electron beam welding, fusion welding, resistance welding, heat treatment and NDT. Final inspection and return to service of components as listed in the accepted Capabilities List. The "Ace Precision Organizational Chart" depicts the management and inspection personnel breakdown for this facility.*

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 Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Addition of final inspection and RTS to OC facility location  
[2] EFFECTIVE DATE: 12/14/2023, [3] AMENDMENT #: 8  
DATE: 2023.12.19 07:44:24 -06:00

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

AS

12/18/23

Allen Schneider, Quality Manager

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>	A1 (262) 252-4003
<b>Address:</b>	W146 N5714 Enterprise Avenue
<b>Address:</b>	
<b>City:</b>	Menomonee Falls
<b>State:</b>	WI
<b>Zip code:</b>	53051

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



Digitally signed by Michael Brockel, Principal Maintenance Inspector (GL13)  
[1] SUPPORT INFO: Repair Station Name Change  
[2] EFFECTIVE DATE: 3/15/2023, [3] AMENDMENT #: 6  
DATE: 2023.03.16 08:37:05 -05:00

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

Handwritten signature of Allen Schneider in black ink.

Handwritten date "3/16/2023" in black ink.

Allen Schneider, Quality Manager

Date