

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number EY2R811K

This certificate is issued to
AIRCRAFT PROPELLER SERVICE LLC
d/b/a APS

whose business address is

595 TELSER ROAD
LAKE ZURICH, IL 60047

*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:

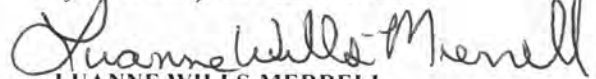
PROPELLER (12/26/1996)
LIMITED - ACCESSORY (08/02/2001)
LIMITED - PROPELLER (09/30/1999)
NON DESTRUCTIVE INSPECTION, TESTING AND PROCESSING (08/26/2015)
SPECIALIZED SERVICE (10/31/2008)

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

Date issued:

MAY 25, 1953

By direction of the Administrator



LUANNE WILLS-MERRELL
MANAGER, GREATER CHICAGO 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



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety

Flight Standards Service
General Aviation Safety Assurance
General Aviation A (AFG-100)

Greater Chicago Flight Standards District Office
2300 E. Devon Ave. Ste. 261
Des Plaines, IL 60018
(847) 294-8700
(847) 294-8737 (FAX)

E-MAILED

Mr. Daniel Nickolai
FAA/EASA Accountable Manager
Aircraft Propeller Service, LLC.
595 Telser Road
Lake Zurich, IL 60047

Dear Mr. Nickolai:

An amendment to your Operations Specifications A001, A007, and A449 has been accomplished in WebOPSS, effective 05/16/2022.

- A001 was updated due to a non-mandatory template change
- A007 was updated per your request, and due to a non-mandatory template change Mauricio Mazzini has been added to Table 2.
- A449 was updated per your request, and due to a non-mandatory template change Phone number was changed, Program was identified as A1 (Standalone Drug and Alcohol Testing Program)

Please Print and sign two copies of the applicable Operation Specifications paragraphs, and retain one set for your files. Return one set of the copies to the Greater Chicago FSDO, along with the superseded copies.

If you have any questions regarding this matter, please contact this office Monday through Friday from 7:30 a.m. to 4:00 p.m. at (847) 294-8700.

Sincerely,

John W. Shaver Jr.
Principal Maintenance Inspector

Enclosure

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Part A

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002 Definitions and Abbreviations	12/14/2017	06/04/2019	12
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A001 . Issuance and Applicability

HQ Control: 05/06/2022

HQ Revision: 05f

a. These operations specifications are issued to Aircraft Propeller Service, LLC, 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:
595 Telser Road
Lake Zurich, Illinois 60047

Mailing Address:
595 Telser Road
Lake Zurich, Illinois 60047

b. The holder of these operations specifications is the holder of certificate number EY2R811K 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 safety agreement.

e. The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

APS

Delegated Authorities: None

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 John W. Shaver Jr., Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Added Mazzini table 2 A007, Updated Phone A449 and
selected Code A1, non mandatory template changes A001, A007, A449
[2] EFFECTIVE DATE: 5/16/2022, [3] AMENDMENT #: 13
DATE: 2022.05.16 10:02:01 -05:00

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

 4/2/22

Daniel Nickolai, FAA Accountable Manager, 145

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 Edward L Dabrowski, Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Change in FAA/EASA Accountable Manager
[2] EFFECTIVE DATE: 6/4/2019, [3] AMENDMENT #: 12
DATE: 2019.06.04 08:06:40 -05:00

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

Handwritten signature of Daniel Nickolai in black ink.

Nickolai, Daniel, VP of Operations

Handwritten date "6/11/2019" in black ink.

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

Propeller Class 1: All Fixed Pitch and Ground Adjustable Propellers of Wood, Metal, or Composite Construction

Propeller Class 2: All propellers in the following list:

McCauley - All Models
Hartzell - All Models
Beech - All Models
Sensenich - All Models
MT-Propeller-All Models

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Accessories	Woodward Governors	All models	None
	Hartzell Governors	All models	None
	McCauley Governors	All models	None
	Aero Technologies L.L.C. Governors	PCU 5000, PCU5000X	Maintenance/Overhaul Manual AT1431299
	Jihostroj Overspeed Governors	0211001/A2 and A3	None
Propellers	Hamilton Standard	14RF, 14SF, 24PF, 247F, 568F and 6/5500/F (model suffix numbers as revised)	None
Nondestructive Inspection, Testing, and Processing	All manufacturers authorized under the above ratings.	All models authorized under the above ratings.	Limited to the current manufacturer's instructions and/or the following ASTM Standards: Magnetic Particle Inspection - ASTM E-1444, Liquid Penetrant Inspection - ASTM E-1417, Eddy Current Inspection - ASNT SNT TC- 1A, Ultrasound Inspection - ASTM E114, Aircraft Propeller Service, LLC Written Practice for personnel qualification requirements.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Deicer Boot Installation	Goodrich- Manuals 30-60-01, -02, and -07	None
Hartzell Propeller Blade E10950 (PK) Repair.	Hartzell E10950 (PK) Blade Erosion Shield Installation	Repair limitations as contained in the installation Procedure 001, approved May 13 1999, Chicago ACO, Central Region.
Hartzell Aluminum Propeller Blade Repair.	Hartzell Cold Compression Rolled Surface Roughness Evaluation Process	Repair limitations as contained in the WAPA Procedure 001, approved July 19, 2001, Chicago ACO, Central Region.
Hamilton Sundstrand . 14SF, 14RF, 6/5500 /F Propeller Blade Tip Repair.	Hamilton Sundstrand Blade Tip Lightning Strap	Repair limitations as contained in the Weld Repair No. 14SF-FAA-365 Rev. 1, approved April 20, 2000 by Martin P. Sezack, DER-810060-NE; and also approved April 27, 2000 by the Hamilton Sunstrand Frozen Process Review Board (FPRB)
Fabrication of Hamilton Sundstrand Propeller blade internal taper bore Cone Part No. 820436-1 for Hamilton Sundstrand Model 14SF and 14RF Propeller's.	Hamilton Sundstrand Part No. 820436-1 Cone.	Limitations as contained in the Hamilton Sundstrand Cone Fabrication Drawing 820436 and Aircraft Propeller Serv. PC-APS820436-1 document, as amended. AC43-18 and applicable sections of FAA Order 8120-2E, Category 3 requirements
Fabrication of Hamilton Sundstrand Bulkhead Insert, Part No. APS1013136 for Hamilton Sundstrand	Hamilton Sundstrand Part No. APS1013136, Bulkhead Insert.	Limitations as contained in the Hamilton Sundstrand Bulkhead Insert Fabrication Drawing 1013136, Aircraft Propeller Service PC-1013136, Hamilton Sundstrand Repair SK1001242, as amended. AC43-18 and applicable sections of FAA Order 8120-2E, Category 3 Requirements

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



Digitally signed by Edward L. Dabrowski, Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Template changes for A003 and A025 authorization
[2] EFFECTIVE DATE: 9/1/2017, [3] AMENDMENT #: 24
DATE: 2017.09.01 11:05:47 -05:00

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

Sam Collins

9/1/2017

Collins, Sam L., FAA Accountable Manager, 145

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 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:*

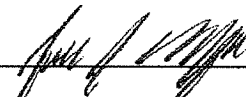
	Reference Paragraphs
Use Exemptions.	A005
Perform maintenance with EASA ratings where the scope of work is authorized by a BASA/MAG (U.S.-EU), MIP/MaG (U.S.-Swiss).	A060
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Perform maintenance 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 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 Edward L Dabrowski, Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Re-issuance and personnel changes
[2] EFFECTIVE DATE: 3/21/2017, [3] AMENDMENT #: 10
DATE: 2017.03.21 08:19:26 -05:00

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



Mayer, Joseph J., FAA Accountable Manager, 145 20 MAR 2017 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
FAA Accountable Manager, 145 / VP of Operations	Nickolai, Daniel	A,D	danielnickolai@aircraftpropeller.com
EASA Accountable Manager, 145	Nickolai, Daniel	A,D	danielnickolai@aircraftpropeller.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
Nickolai, Daniel	danielnickolai@aircraftpropeller.com	(224) 676-6903	ALL
Mazzini, Mauricio	mauriciomazzini@aircraftpropeller.com	(224) 676-6962	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 John W. Shaver Jr., Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Added Mazzini table 2 A007, Updated Phone A449 and selected Code A1, non mandatory template changes A001, A007, A449
[2] EFFECTIVE DATE: 5/16/2022, [3] AMENDMENT #: 13
DATE: 2022.05.16 10:02:05 -05:00

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

Daniel Nickolai, FAA Accountable Manager, 145 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, as revised, Section 17. Electronic Recordkeeping

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

Repair Station Manual, as revised, Section 16. 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").

Repair Station Manual, as revised, Section 18. Electronic Manuals

1. Issued by the Federal Aviation Administration.

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



Digitally signed by Edward L. Dabrowski, Principal Maintenance Inspector (GL03)

[1] SUPPORT INFO: Template changes for A003 and A025 authorization

[2] EFFECTIVE DATE: 9/1/2017, [3] AMENDMENT #: 2

DATE: 2017.09.01 11:05:42 -05:00

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

Sam Collins

9/1/2017

Collins, Sam L., FAA Accountable Manager, 145

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 224-676-6953
Address:	595 Telser Road
Address:	N/A
City:	Lake Zurich
State:	IL
Zip code:	60047

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



Digitally signed by John W. Shaver Jr., Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Added Mazzini table 2 A007, Updated Phone A449 and
selected Code A1, non mandatory template changes A001, A007, A449
[2] EFFECTIVE DATE: 5/16/2022, [3] AMENDMENT #: 8
DATE: 2022.05.16 10:02:10 -05:00

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

Handwritten signature of Daniel Nickolai in black ink.

Handwritten date "4/2/22" in black ink.

Daniel Nickolai, FAA Accountable Manager, 145

Date

Table of Contents

Part D

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/2004	09/01/2017	8

D100 . Work to be Performed at a Place Other Than the Repair Station Fixed Location(s) HQ Control: 11/16/2004
HQ Revision: 050

- a. The certificate holder may perform work at a place other than its Fixed Location (as listed in paragraph A001, and paragraph A101 if issued, of these operations specifications) provided it has the facilities, material, equipment and technical personnel to perform the work authorized in the following table.

Table 1

Work Authorized	Repair Stations Manual References	Quality Control Manual References
All ratings and limitations as specified in Paragraph A003 of this document, in accordance with the Repair Station Manual, as amended	Aircraft Propeller Service, LLC Repair Station Manual, Section 3, page 7 of 41, as amended.	Aircraft Propeller Service, LLC Repair Station Manual, Section 3, page 7 of 41, as amended.

- b. The certificate holder **may not** perform **continuous** operation at a facility other than the station's Fixed Location listed in paragraph A001, and paragraph A101 if issued.
- c. Line Stations. Privileges of a line station, as set forth by the EASA certificate and scope of work and located within the country where the main facility is domiciled are listed in Table 1 are authorized.
- d. Work may be due to a special circumstance or on a recurring basis. If on a recurring basis, the repair station must have procedures in its manual.

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



Digitally signed by Edward L Dabrowski, Principal Maintenance Inspector (GL03)
[1] SUPPORT INFO: Revised RSM reference
[2] EFFECTIVE DATE: 9/1/2017, [3] AMENDMENT #: 8
DATE: 2017.09.01 12:22:04 -05:00

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

Sam Collins

9/1/2017

Collins, Sam L., FAA Accountable Manager, 145

Date
