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**A001 . Issuance and Applicability**

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

**HQ Revision: 05f**

a. These operations specifications are issued to Metal Innovations 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:  
22215 Yellow Gate Lane NE  
Aurora, Oregon 97002

b. The holder of these operations specifications is the holder of certificate number KW7R756N 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:

MII Aero

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



Digitally signed by Jon Ellingson on behalf of Shawn D Kellar, Principal  
Maintenance Inspector (NM09)

[1] SUPPORT INFO: Adding dba MII Aero

[2] EFFECTIVE DATE: 2/27/2024, [3] AMENDMENT #: 12  
DATE: 2024.02.27 10:46:31 -06:00

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

Handwritten signature of Craig T. Wilmes in blue ink.

02/29/2024

Craig T. Wilmes, 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.

<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 Jon Ellingson on behalf of Shawn D Kellar, Principal  
Maintenance Inspector (NM09)  
[1] EFFECTIVE DATE: 12/15/2022, [2] AMENDMENT #: 6  
DATE: 2022.12.15 13:37:42 -06:00

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

Handwritten signature of Craig T. Wilmes in blue ink.

12-20-2022

Craig T. Wilmes, FAA Accountable Manager, 145 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 1: Composite Construction of Small Aircraft

Airframe Class 3: All-Metal Construction of Small Aircraft

**Limited Ratings**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make/Model</u></b>	<b><u>Limitations</u></b>
PowerPlant	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to preventative maintenance, minor maintenance and alteration, excluding overhaul.
Airframe	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	None
Floats	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	None
Nondestructive Inspection, Testing, and Processing	NA	NA	Limited to the performance of work prescribed by the Metal Innovations, Inc. accepted document MII Doc00088, as revised.
Propellers	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to preventative maintenance, minor maintenance and alteration, excluding overhaul.
Instruments	All manufacturers	All makes and models.	Limited to test and inspection of static pressure systems in accordance with Part 43, Appendix E and F, to comply with 14 CFR §91.411.
Radio	All Manufacturers	All makes and models.	Limited to test and inspection of ATC transponders in accordance with Part 43, Appendix F, to comply with 14 CFR §91.413, excluding transponder bench work.

**Limited Ratings - Specialized Services**

**Rating Specifications**

**Limitations**

**Rating Specifications**

Welding Gas Tungsten Arc Welding in accordance with MIL-STD-2219 and/or AWS D17.1 as revised  
Welding Resistance Welding in accordance with AMS-W-6858A and/or AWS D17.2 as revised

**Limitations**

Repair limitations as contained in the referenced Civil or Military Specification.  
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 Jon Ellingson, Principal Maintenance Inspector (NM09)  
[1] EFFECTIVE DATE: 7/14/2022, [2] AMENDMENT #: 13  
DATE: 2022.07.14 13:13:07 -05:00

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

**Craig T. Wilmes**

Digitally signed by Craig T. Wilmes  
DN: CN=Craig T. Wilmes, O="Metal Innovations Inc.",  
E=craig.wilmes@metalinnovations.com, C=US  
Reason: I am the author of this document  
Location: your signing location here  
Date: 2022.07.14 13:38:37-07'00'  
Foxit PDF Editor Version: 11.2.2

07-13-2022

Craig T. Wilmes, 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 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
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 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 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 Jon Ellingson on behalf of Shawn D Kellar, Principal  
Maintenance Inspector (NM09)

[1] EFFECTIVE DATE: 12/15/2022, [2] AMENDMENT #: 4  
DATE: 2022.12.15 13:39:42 -06:00

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

Handwritten signature of Craig T. Wilmes in blue ink.

12-20-2022

Craig T. Wilmes, FAA Accountable Manager, 145      Date

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**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>
Agent for Service / President	Wilmes, Kimberly Marie	A,D	
FAA Accountable Manager, 145 / FAA Accountable Manager, 145	Wilmes, Craig T.	A,D	craig.wilmes@metalinnovations.com
Director of Quality Assurance / Quality Assurance Manager	Huber, Michael	A,D	mike.huber@metalinnovations.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>
Wilmes, Craig T.	craig.wilmes@metalinnovations.com	503-678-2807	ALL
Huber, Michael	mike.huber@metalinnovations.com	503-678-2807	ALL

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



Digitally signed by Jon Ellingson on behalf of Shawn D Kellar, Principal  
Maintenance Inspector (NM09)

[1] EFFECTIVE DATE: 12/15/2022, [2] AMENDMENT #: 6  
DATE: 2022.12.15 13:42:27 -06:00

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

A handwritten signature in blue ink, appearing to read "Craig T. Wilmes".

12-20-2022

Craig T. Wilmes, 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.)

Metal Innovations Repair Station General Policies and Procedures Manual Section 18.0

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

Metal Innovations Repair Station General Policies and Procedures Manual Section 18.0

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").

Metal Innovations Repair Station General Policies and Procedures Manual Section 18.0

1. Issued by the Federal Aviation Administration.

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



Digitally signed by Shawn D Kellar, Principal Maintenance Inspector (NM09)

[1] SUPPORT INFO: RSM change in section referenced

[2] EFFECTIVE DATE: 10/26/2018, [3] AMENDMENT #: 1

DATE: 2018.10.26 13:40:35 -05:00

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

Digitally signed by Craig T Wilmes, FAA Accountable Manager, 145

DATE: 2018.10.26 12:18:14 -05:00

**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
2820 SE 25th ST	Salem	Oregon	UNITED STATES	97302

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.

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



Digitally signed by Jon Ellingson on behalf of Shawn D Kellar, Principal  
Maintenance Inspector (NM09)

[1] EFFECTIVE DATE: 12/15/2022, [2] AMENDMENT #: 0  
DATE: 2022.12.15 13:45:03 -06:00

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

A handwritten signature in blue ink that reads "Craig T. Wilmes".

12-20-2022

Craig T. Wilmes, 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**

<b>Location &amp; Telephone of Drug and Alcohol Testing Program Records</b>	
<b>Telephone Number:</b>	A1 503-678-2807
<b>Address:</b>	22215 Yellow Gate Lane NE
<b>Address:</b>	N/A
<b>City:</b>	Aurora
<b>State:</b>	OR
<b>Zip code:</b>	97002

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](mailto: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.



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Maintenance Inspector (NM09)  
[1] EFFECTIVE DATE: 12/15/2022, [2] AMENDMENT #: 7  
DATE: 2022.12.15 13:47:00 -06:00

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

Handwritten signature of Craig T. Wilmes in blue ink.

12-20-2022

Craig T. Wilmes, 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	04/27/2016	3

**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**

<b>Work Authorized</b>	<b>Repair Stations Manual References</b>	<b>Quality Control Manual References</b>
Authorized to perform all work for which the repair station is rated, per paragraph A003.	Metal Innovations Repair Station Manual, Section 10.	Metal Innovations Repair Station Manual, Section 10

- 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 Tom Leonetti, Principal Maintenance Inspector (NM09)  
[1] SUPPORT INFO: Correct content of table per region instructions  
[2] EFFECTIVE DATE: 4/27/2016, [3] AMENDMENT #: 3  
DATE: 2016.04.27 17:21:04 -05:00

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

Digitally signed by Craig T Wilmes  
DATE: 2016.04.27 16:46:00 -05:00

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