

Table of Contents

Part A

| | HQ CONTROL DATE | EFFECTIVE DATE | AMENDMENT NUMBER |
|---|----------------------------|---------------------------|-----------------------------|
| 001 Issuance and Applicability | 05/10/2024 | 06/25/2024 | 5 |
| 002 Definitions and Abbreviations | 12/14/2017 | 01/16/2020 | 2 |
| 003 Ratings and Limitations | 04/03/2017 | 04/30/2025 | 19 |
| 004 Summary of Special Authorizations and Limitations | 09/23/1998 | 12/01/2023 | 1 |
| 007 Designated Persons | 09/08/2021 | 12/15/2025 | 5 |
| 101 Additional Fixed Locations | 12/11/2020 | 12/05/2023 | 0 |
| 449 Drug and Alcohol Testing Program | 08/30/2021 | 12/01/2023 | 0 |

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's Fixed Location(s) | 05/20/2024 | 07/30/2024 | 3 |

A001 . Issuance and Applicability

HQ Control: 05/10/2024

HQ Revision: 05g

a. These operations specifications are issued to NDT-SOLUTIONS 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:
4044 N 30th Avenue
Hollywood, Florida 33020

Mailing Address:
4044 N 30th Avenue
Hollywood, Florida 33020

b. The holder of these operations specifications is the holder of certificate number N56R026B 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. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.



Digitally signed by Rodney A Edwards, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 6/25/2024, [2] AMENDMENT #: 5
DATE: 2024.06.25 05:38:51 -05:00

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

A handwritten signature in blue ink, appearing to read "Stevan Rueda", written over a horizontal line.

7-1-24

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



Digitally signed by Martin W Edester on behalf of James Williams, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 1/16/2020, [2] AMENDMENT #: 2
DATE: 2020.01.24 14:39:18 -06:00

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

A handwritten signature in blue ink, appearing to read "Stevan Rueda".

01-24-2020

Stevan Rueda, 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

None authorized

Limited Ratings

| <u>Rating</u> | <u>Manufacturer</u> | <u>Make/Model</u> | <u>Limitations</u> |
|--|----------------------------|--------------------------|--|
| Airframe | All | All | All maintenance is limited to Weld repairs in accordance with AWS D17.1 as revised. In addition to this, the Repair Station will follow all applicable technical data acceptable to the Administrator |
| Nondestructive Inspection, Testing, and Processing | All | All | Magnetic Particle Inspection. Performed in Accordance With ASTM-E1444 and/or manufacturer's manual as revised. Fluorescent Penetrant Inspection. Performed in Accordance with E1417 and/or manufacturer's manual as revised. Eddy Current Inspection. Performed in Accordance with T.P-T9074-AS-GIB-010/271,ASTM-E1033,ASTM-E1312 and/or manufacturer's manual as revised. Ultrasonic Inspection. Performed in Accordance with AMS-STD-2154,ASTM-E2375 and/or manufacturer's manual as revised. Radiographic Inspection. Performed in Accordance with ASTM-1742 and/or manufacturer's manual as revised. Visual Inspection. Performed in Accordance with VSEA,T.P.T9074-AS-GIB-010/271 |

| Rating | Manufacturer | Make/Model | Limitations |
|--|--|---------------------------------------|--|
| Nondestructive Inspection, Testing, and Processing | | | Thermography Inspection. Performed in Accordance with STM-E2582 and/or manufacture's manual as revised. |
| Accessories | From the Capability List, as amended. | From the Capability List, as amended. | All Maintenance, Preventive Maintenance, Repairs, Inspections, and/or Alterations will be accomplished in accordance with Manufacturers' Technical Data, Air Carriers' data or other Technical data acceptable by the Administrator. |
| Landing Gear Components | Goodrich Aerospace / Collins Aerospace | CRJ 200, CRJ 700 & ERJ 145 | Maintenance Limited to Machining accomplished in accordance with Manufacturers' Technical Data, CMM, Air Carriers' data or other Technical data acceptable to the Administrator. |

Limited Ratings - Specialized Services

| Rating | Specifications | Limitations |
|---------------|---|---|
| Plating | QQ-P-416 and AMS 2451-1. | Cadmium Brush Plating in accordance with SAE International (SAE) Specification AMS-QQ-P-416 and AMS 2451 using the SIFCO Process as revised. |
| Plating | AMS QQ-N-290 and AMS 2403 | Nickel Brush Plating in accordance with SAE International (SAE) Specification AMS 2403 and AMS QQ-N-290 using the SIFCO process as revised. |
| Plating | AMS-QQ-P-416 Latest revision | Cadmium Plating per AMS-QQ-P-416 Latest revision |
| Plating | MIL-STD-867D Latest revision, Boeing SOPM 20-10-31 or manufacture's manual as revised | Nital Etch per MIL-STD-867D Latest revision, Boeing SOPM 20-10-31 or manufacture's manual as revised |
| Plating | Boeing SOPM 20-10-6, Boeing SOPM 20-42-01, Messler-Dowty PCS-2100, BAC5718. | Cadmium Plating per Boeing SOPM 20-10-6, Boeing SOPM 20-42-01, Messler-Dowty PCS-2100, BAC5718, latest revision |
| Plating | Boeing SOPM 20-42-05, Messier-Dowty PCS-2101. | Bright Cadmium Plating per Boeing SOPM 20-42-05, Messier-Dowty PCS-2101, latest revision. |
| Welding | AWS D17.1 as revised for Fusion Welding for Aerospace Applications | Limited to TIG welding repairs using the methods, techniques and practices prescribed in the current manufacturer's maintenance manual or other instructions for Continued Airworthiness, the air carrier's manual or other methods, techniques and practices acceptable to the |

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 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 |
| 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 |
| 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 safety-sensitive functions requiring a drug and alcohol testing program under 14 CFR part 120 | A449 |
| Perform maintenance in accordance with foreign repair station geographic authorizations. | B050 |
| Utilize an audit performed to the C.A.S.E. 1-A Standard in support of its Quality Control System as a means of qualifying a repair/overhaul maintenance vendor to satisfy the requirements of §§ 145.201(a)(2) and 145.205. | D090 |
| 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 Noemi Gonzalez on behalf of Rodney A Edwards, Principal
Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 12/1/2023, [2] AMENDMENT #: 1
DATE: 2023.12.01 13:13:10 -06:00

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

A handwritten signature in blue ink, appearing to read "S. Rueda", written over a horizontal line.

12/1/2023

Stevan Rueda, FAA Accountable Manager, 145

Date

U.S. Department
of Transportation
Federal Aviation
Administration

Operations Specifications

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 |
|-------------------------------|---------------|------------------|--------------------------|
| Accountable Executive, SMS | Rueda, Sarah | N/A | sarah@ndt-solutions.com |
| FAA Accountable Manager, 145 | Rueda, Stevan | A,D | stevan@ndt-solutions.com |
| EASA Accountable Manager, 145 | Rueda, Stevan | A,D | stevan@ndt-solutions.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 |
|--------------|--------------------------|---------------|--------------------------------|
| Sarah Rueda | sarah@ndt-solutions.com | | ALL |
| Stevan Rueda | stevan@ndt-solutions.com | | ALL |

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 Griffin, Michelle, Principal Maintenance
Inspector (SO19)
[1] EFFECTIVE DATE: 3/13/2026,
[2] AMENDMENT #: 6
DATE: 2026.03.13 07:28:07 -05:00

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

A handwritten signature in blue ink, appearing to read "S. Rueda".

Stevan Rueda, FAA Accountable Manager,
145

3-20-26
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 |
| 4016 N 30TH Avenue | Hollywood | Florida | UNITED STATES | 33020 |

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 Noemi Gonzalez on behalf of Rodney A Edwards, Principal
Maintenance Inspector (SO19)

[1] EFFECTIVE DATE: 12/5/2023, [2] AMENDMENT #: 0
DATE: 2023.12.05 14:26:12 -06:00

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

 _____ 12-5-2023

Stevan Rueda, 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 (954) 358-1638 |
| Address: | 4044 N 30th Avenue |
| Address: | |
| City: | Hollywood |
| State: | FL |
| Zip code: | 33020 |

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. Issued by the Federal Aviation Administration.

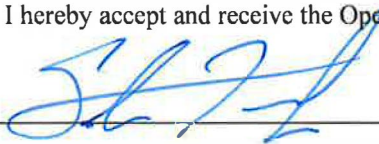
2. These Operations Specifications are approved by direction of the Administrator.



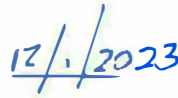
Digitally signed by Noemi Gonzalez on behalf of Rodney A Edwards, Principal
Maintenance Inspector (SO19)

[1] EFFECTIVE DATE: 12/1/2023, [2] AMENDMENT #: 0
DATE: 2023.12.01 13:45:09 -06:00

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



Stevan Rueda, FAA Accountable Manager, 145



Date

**D100 . Work to be Performed at a Place Other Than the Repair Station's Fixed Location(s) HQ Control: 05/20/2024
HQ Revision: 05a**

a. The certificate holder is authorized to perform work on a recurring basis at a location other than its fixed location(s) listed in Operations Specification A001, Issuance and Applicability, and, if issued, A101, Additional Fixed Locations, provided it has the facilities, material, equipment, and technical personnel to perform the work authorized in Table 1 below:

Table 1 - Work Authorized

| Work Authorized | Repair Station Manual References | Quality Control Manual References |
|---|---|--|
| Non-Destructive Inspection Testing and Processing methods: Magnetic Particle, Florescent Penetrant, Eddy Current, Ultrasonic, Radiographic, Visual & Thermography. | Work Performed at Another Location, Section 3 | |
| Weld repairs | Work to be performed in accordance with AWS D17.1 as revised. | |
| Cadmium Brush Plating | Work to be performed in accordance with AMS-QQ-P-416 and AMS 2451 | |
| Nickel Brush Plating | Work to be performed in accordance with AMS-QQ-N-290 and AMS 2403 | |

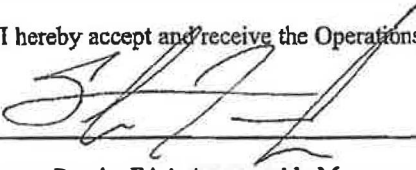
- b. Work Authorized. The work authorized in Table 1 above could be the repair station's entire rating(s) or portions thereof.
- c. Repair Station Manual (RSM). Table 1 must list the section(s) in the RSM and, if applicable, the Quality Control Manual (QCM) that contain the procedures that govern how the repair station will perform work on a recurring basis at a place other than the repair station's fixed location(s).
- d. Continuous Operations. Issuance of this operations specification does not authorize continuous operations at a location away from the repair station's fixed location(s) listed in operations specification A001 and, if issued, A101.

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



Digitally signed by Rodney A Edwards, Principal Maintenance Inspector (SO19)
[1] EFFECTIVE DATE: 7/30/2024, [2] AMENDMENT #: 3
DATE: 2024.07.30 07:26:32 -05:00

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



7-30-2024

Stevan Rueda, FAA Accountable Manager, 145

Date