

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	05/06/2022	10/31/2023	9
002 Definitions and Abbreviations	12/14/2017	02/18/2022	9
003 Ratings and Limitations	04/03/2017	02/18/2022	6
004 Summary of Special Authorizations and Limitations	09/23/1998	02/18/2022	12
007 Designated Persons	09/08/2021	10/31/2023	23
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	04/03/2017	03/17/2022	4
449 Drug and Alcohol Testing Program	08/30/2021	02/18/2022	7

**A001 . Issuance and Applicability**

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

**HQ Revision: 05f**

a. These operations specifications are issued to Hydro-Aire Aerospace Corp., 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:  
3000 Winona Ave.  
Burbank, California 91504

Mailing Address:  
P.O. Box 7722  
Burbank, California 91510

b. The holder of these operations specifications is the holder of certificate number QD3R785L 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.

Delegated Authorities: None

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



Digitally signed by Marcos G. Rico, Principal Maintenance Inspector (WP01)  
[1] SUPPORT INFO: Recommended update  
[2] EFFECTIVE DATE: 10/31/2023, [3] AMENDMENT #: 9  
DATE: 2023.11.06 08:30:54 -06:00

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

Dana Lundin

11-07-2023

Dana Lundin, Senior Quality Engineer

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.

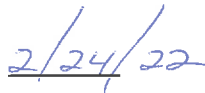


Digitally signed by Homayoun Jandaghi, Principal Avionics Inspector (WP01)  
[1] EFFECTIVE DATE: 2/18/2022, [2] AMENDMENT #: 9  
DATE: 2022.02.18 07:37:09 -06:00

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



Gene Schreiner, Sr. Manager of Quality



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**

Accessory Class 1: Mechanical Accessories

Accessory Class 2: Electrical Accessories

Accessory Class 3: Electronic Accessories

**Limited Ratings**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make/Model</u></b>	<b><u>Limitations</u></b>
None Authorized			

**Limited Ratings - Specialized Services**

<b><u>Rating</u></b>	<b><u>Specifications</u></b>	<b><u>Limitations</u></b>
None Authorized.		

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



Digitally signed by Homayoun Jandaghi, Principal Avionics Inspector (WP01)  
[1] EFFECTIVE DATE: 2/18/2022, [2] AMENDMENT #: 6  
DATE: 2022.02.18 07:37:16 -06:00

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

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

Gene Schreiner, Sr. Manager of Quality

A handwritten date "2/24/22" in blue ink, written over a horizontal line.

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 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 work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating non-U.S.-registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

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



Digitally signed by Homayoun Jandaghi, Principal Avionics Inspector (WP01)  
[1] EFFECTIVE DATE: 2/18/2022, [2] AMENDMENT #: 12  
DATE: 2022.02.18 07:37:23 -06:00

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

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

Gene Schreiner, Sr. Manager of Quality

A handwritten date "2/24/22" in blue ink, written over a horizontal line.

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 / Senior Quality Engineer	Lundin, Dana	A	dana.lundin@craneae.com
Repair Station Manager	Pinkston, Nancy	A	nancy.pinkson@craneae.com
EASA Accountable Manager, 145 / Sr. Director of Operations	Khawaja, Nayeem	A	nayeem.khawaja@craneae.com
Director of Quality Assurance / Director of Quality	Cerna, Xavier	A	xavier.cerna@craneae.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
Dana Lundin	dana.lundin@craneae.com	(818)526-2429	ALL
Nancy Pinkston	nancy.pinkson@craneae.com	(818)526-2586	ALL
Nayeem Khawaja	nayeem.khawaja@craneae.com	818-526-2692	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 Marcos G. Rico, Principal Maintenance Inspector (WP01)

[1] SUPPORT INFO: Added Nayeem Khawaja EASA Accountable Manager

[2] EFFECTIVE DATE: 10/31/2023, [3] AMENDMENT #: 23

DATE: 2023.11.06 08:34:17 -06:00

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

Dana Lundin

11-07-2023

Dana Lundin, Senior Quality Engineer

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.)

Hydro-Aire is transitioning to a system where all training records, work processing records including test data, material and process certifications, and Quality System Documentation are maintained and updated on the Hydro-Aire network drive. This is a secure intranet database which has an automated back-up system and is accessible to authorized employees through the Hydro-Aire Intranet database. These and the older hard copy records will be maintained as required per 14 CFR 145.219.

Hydro-Aire Aerospace Corp., is authorized and may utilize an Electronic/Digital Recordkeeping System in accordance with the following Hydro-Aire Aerospace Corp., Repair Station Manuals:

Refer to: Hydro-Aire Aerospace Corp., Repair Station and Quality Control Manual, Section 5.

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

N/A

- 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").

Hydro-Aire Aerospace Corp., is authorized and may utilize an Electronic Media in accordance with the following Hydro-Aire Aerospace Corp., Repair Station Manuals:

Refer to: Hydro-Aire Aerospace Corp., Repair Station and Quality Control Manual, Section 5.

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



Digitally signed by Homayoun Jandaghi, Principal Avionics Inspector (WP01)  
[1] EFFECTIVE DATE: 3/17/2022, [2] AMENDMENT #: 4  
DATE: 2022.03.17 16:36:36 -05:00

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

Dana Lundin

3-18-2022

Dana Lundin, Senior Quality Engineer

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 (818) 526-2600
<b>Address:</b>	3000 Winona Ave
<b>Address:</b>	
<b>City:</b>	Burbank
<b>State:</b>	CA
<b>Zip code:</b>	91504

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 50 or more safety-sensitive employees.

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



Digitally signed by Homayoun Jandaghi, Principal Avionics Inspector (WP01)  
[1] EFFECTIVE DATE: 2/18/2022, [2] AMENDMENT #: 7  
DATE: 2022.02.18 08:27:10 -06:00

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

A handwritten signature in blue ink, appearing to read "Gene Schreiner".

Gene Schreiner, Sr. Manager of Quality

A handwritten date in blue ink, "2/24/22".

Date