

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number NC1R343K

This certificate is issued to

AERO INSTRUMENTS AND AVIONICS, INC.

whose business address is

3332 WALDEN AVENUE, SUITE 100
DEPEW, NY 14043

*upon finding that its organization complies in all respect 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:

INSTRUMENT
RADIO
ACCESSORY

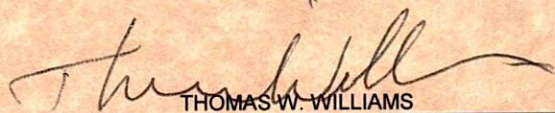
*This certificate unless canceled, suspended, or revoked
shall continue in effect*

INDEFINITELY.

Date issued:

FEBRUARY 18, 1969
REISSUED JULY 13, 2021

By direction of the Administrator



THOMAS W. WILLIAMS
MANAGER, AEA-FSDO-23

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**

Flight Standards District Office
1 Airport Way
Suite 110
Rochester, NY 14624
585-436-3880, Fax: 585-436-2322

September 29, 2021

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Stephen Goddard, Accountable Manager
Aero Instruments & Avionics, Inc.
3332 Walden Avenue, Suite 100
Depew, NY 14043

Dear Mr. Goddard:

Enclosed, please find two sets of your company's operations specifications including paragraphs A004, A007 and A449.

Paragraph A004 has been revised to reflect the change in title to paragraph A449. Paragraph A007 has been revised to reflect email addresses of designated repair station individuals, and paragraph A449 has been revised to reflect the change in title of the paragraph.

Please sign both sets of operations specifications in the appropriate sections and return one set (may be by standard First Class mail,) including the Table of Contents, to this office. Keep one set and insert them into your company's operations specifications file.

Should you have any questions regarding this matter, please feel free to contact our office at (585) 436-3880. The office hours are from 7:30 a.m. to 4:00 p.m., Monday through Friday.

Sincerely,

KURT W

HATHAWAY

Digitally signed by
KURT W HATHAWAY

Date: 2021.09.30
06:51:51 -04'00'

Kurt W. Hathaway
Principal Avionics Inspector

Enclosures: OPSPECS A004, A007 & A449

KWH/kmr

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Part A

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A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to Aero Instruments and Avionics, Inc., 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:
3332 Walden Avenue
Suite 100
Depew, New York 14043

b. The holder of these operations specifications is the holder of certificate number NC1R343K 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 and located within the United States performs maintenance and/or an alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of the U.S./EU Safety Agreement, Annex 2, Maintenance, between the FAA and the EU.

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:

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



Digitally signed by Randall E Steele, Principal Maintenance Inspector (EA23)

[1] SUPPORT INFO: Relocating completely from Nash Road to Walden Avenue.

[2] EFFECTIVE DATE: 7/13/2021, [3] AMENDMENT #: 10

DATE: 2021.07.13 09:16:44 -05:00

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

A handwritten signature in black ink, appearing to read "Stephen D. Goddard".

7/13/21

Stephen D. Goddard, General 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.

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 Kurt W Hathaway, Principal Avionics Inspector (EA23)
[1] EFFECTIVE DATE: 2/8/2018, [2] AMENDMENT #: 7
DATE: 2018.02.08 07:41:30 -06:00

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



Baldi, John G., Chief Inspector

2-15-18

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 2: Electrical Accessories
Accessory Class 3: Electronic Accessories
Instrument Class 1: Mechanical
Instrument Class 2: Electrical
Instrument Class 3: Gyroscopic
Instrument Class 4: Electronic
Radio Class 1: Communications Equipment
Radio Class 2: Navigational Equipment
Radio Class 3: Radar Equipment

Limited Ratings

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

Limited Ratings - Specialized Services

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

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



Digitally signed by Kurt W Hathaway, Principal Avionics Inspector (EA23)
[1] EFFECTIVE DATE: 5/1/2017, [2] AMENDMENT #: 2
DATE: 2017.05.01 05:39:18 -05:00

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

Handwritten signature of John G. Baldi in blue ink.

Baldi, John G., Chief Inspector

Handwritten date "5/1/17" in blue ink.

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:

Perform safety-sensitive functions requiring a drug and alcohol testing program under 14 CFR part 120

Reference
Paragraphs

A449

b. The certificate holder is *not authorized and shall not*:

Use Exemptions.

Reference
Paragraphs

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 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 Kurt W Hathaway, Principal Avionics Inspector (EA23)
[1] EFFECTIVE DATE: 9/29/2021, [2] AMENDMENT #: 5
DATE: 2021.09.29 07:00:02 -05:00

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

 10-7-21
Stephen D. Goddard, General Manager 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
EASA Accountable Manager, 145 / General Manager	Goddard, Stephen D.	A	steveg@aeroinst.com
FAA Accountable Manager, 145 / General Manager	Goddard, Stephen D.	A	steveg@aeroinst.com
Chief Inspector / Quality Manager	Peters, David J.	A	dpeters@aeroinst.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
David J. Peters	dpeters@aeroinst.com	716-694-7060	ALL
Norman D. Titterington II	norm@aeroinst.com	716-694-7060	ALL

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



Digitally signed by Kurt W Hathaway, Principal Avionics Inspector (EA23)

[1] EFFECTIVE DATE: 9/29/2021, [2] AMENDMENT #: 12

DATE: 2021.09.29 07:00:06 -05:00

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



Stephen D. Goddard, General Manager

10-7-21

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 716-694-7060
Address:	3332 Walden Avenue
Address:	Suite 100
City:	Depew
State:	NY
Zip code:	14043

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



Digitally signed by Kurt W Hathaway, Principal Avionics Inspector (EA23)
[1] EFFECTIVE DATE: 9/29/2021, [2] AMENDMENT #: 2
DATE: 2021.09.29 07:00:12 -05:00

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

Handwritten signature of Stephen D. Goddard in blue ink.

Stephen D. Goddard, General Manager

10-7-21

Date

Lorenzo PELLEGRINI
Maintenance Organisation Oversight Section Manager
Flight Standards Directorate

2022 /IFPF35475/Flight Standards
Cologne, 5 May 2022

The Quality Manager
AERO INSTRUMENTS & AVIONICS, Inc.
3332 WALDEN AVENUE, SUITE 100
14043 DEPEW NEW YORK
UNITED STATES

Subject: Renewal of EASA Part-145 approval in accordance with the provisions of the Agreement between the United States of America and the European Community on Cooperation in the Regulation of Civil Aviation Safety.

Enclosure: EASA Part-145 approval certificate

Dear Sir or Madam,

Following a positive recommendation from the FAA the European Union Aviation Safety Agency is pleased to confirm the renewed validity of Part-145 approval:

EASA.145.4037

Subject to continued compliance with the FAR 145 and the EASA special conditions as detailed in the Agreement between the United States of America and the European Community on Cooperation in the Regulation of Civil Aviation Safety and associated Maintenance Annex Guidance (MAG), your renewal date will be:

31 July 2024

To ensure that the FAA and EASA have sufficient time to process your renewal please provide your renewal paperwork package at least 90 days before the date above. Do refer to the latest renewal procedures and documents available from <https://www.easa.europa.eu/> to avoid delays.

This certificate supersedes the previous revision of the approval certificate. Please destroy the superseded certificate. There is no need for you to return it to the Agency.

Should you have further queries, please do not hesitate to contact us at the e-mail indicated below. Please assist us by always quoting your EASA approval number in any correspondence with the Agency.

Yours faithfully,

Lorenzo PELLEGRINI

This is a computer generated document valid without a signature

U.S. APPROVAL CERTIFICATE

EASA.145.4037

Taking into account the provisions of Article 68 of Regulation (EU) 2018/1139 of the European Parliament and of the Council and the bilateral agreement currently in force between the European Community and the Government of the United States of America, the European Union Aviation Safety Agency (EASA) hereby certifies:

AERO INSTRUMENTS & AVIONICS, Inc.

FAA Number: NC1R343K

**3332 WALDEN AVENUE, SUITE 100
14043 DEPEW NEW YORK
UNITED STATES**

as a Part-145 maintenance organization approved to maintain the products listed in the FAA Air Agency Certificate and associated Operations Specifications and issue related certificates of release to service using the above reference, subject to the following conditions:

1. The scope of the approval is limited to that specified on the 14 CFR part 145 repair station Air Agency Certificate, and the associated Operations Specifications for work carried out in the United States (unless otherwise agreed in a particular case by EASA).
2. The approval scope shall not exceed the permitted EASA Part-145 ratings as detailed in Regulation EC (No) 1321/2014.
3. This approval requires continued compliance with 14 CFR part 145 and the differences as specified in the Maintenance Annex Guidance (MAG), including the use of the FAA Form 8130-3 for release/return to service of components up to and including power plants.
4. Certificates of return to service must quote the EASA Part-145 approval reference number quoted above and the 14 CFR part 145 Air Agency Certificate number.
5. Subject to compliance with the foregoing conditions, this approval shall remain valid until:

31 July 2024

unless the approval is surrendered, superseded, suspended or revoked.

Date of issue: **05 May 2022**

Signed:



For the European Union Aviation Safety Agency





This is to certify that the Quality Management System of:

Aero Instruments & Avionics, Inc.

3332 Walden Ave.
Suite 100
Depew NY 14043
United States of America

applicable to;

Maintenance, repair, and overhaul (and associated inspection activities) of aircraft parts and equipment, including (but not limited to) flight recorders, EGPWS, and parts / equipment for airframe types such as Boeing, Airbus, Bombardier, and McDonnell-Douglas.

has been assessed and approved by National Quality Assurance, U.S.A., against the provisions of:

ISO 9001:2015 and AS9110:2016

and in accordance with the requirements of AS9104/1:2012.

A handwritten signature in black ink, likely belonging to a representative of NQA, USA.

For and on behalf
of NQA, USA



Certificate Number: 18387
EAC Code: 29
Certified Since: January 7, 2020
Valid Until: January 6, 2023
Reissued: July 27, 2021
Cycle Issued: January 7, 2020
Site Structure: Single Site

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:	
4. Organization Name and Address:		 Aero Instruments & Avionics, Inc. 3332 Walden Avenue, Suite 100 Depew, NY 14043 (NC1R343K)			5. Work Order/Contract/Invoice Number:	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1						
12. Remarks: TEARDOWN INSPECTION REPORT # DESCRIBING THE ACTUAL WORK PERFORMED IS ATTACHED. THE DESCRIBED WORK WAS PERFORMED FOR REFERENCING THE CURRENT ORIGINAL EQUIPMENT SPECIFICATIONS LISTED AND/OR OTHER SPECIFICATIONS. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART-145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART-145 APPROVAL NUMBER: EASA.145.4037 CMM , Revision #: , Revision Date:						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.: NC1R343K
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statement in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						