

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number I9SR491N

This certificate is issued to
INERTIAL AIRLINES SERVICES, INC.
(DBA)
INERTIAL AEROSPACE SERVICES, INC.
whose business address is

375 ALPHA PARK DRIVE
HEIGHLAND HEIGHTS, OHIO 44143

*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:

RADIO
INSTRUMENTS
LIMITED ACCESSORY
SPECIALIZED SERVICES (2/1/2008)

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

Date issued:

JANUARY 6, 1997

REISSUED: 02/01/2008

By direction of the Administrator


LERROY G. MOORE,

MANAGER, CLE 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

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A001 . Issuance and Applicability

HQ Control: 02/23/2011

HQ Revision: 05a

a. These operations specifications are issued to Inertial Airline Services, Inc., a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
Inertial Airline Services, Inc.
375 Alpha Park Dr.
Highland hts., Ohio 44143

Mailing Address:
Inertial Airline Services, Inc.
375 Alpha Park Dr.
Highland hts., Ohio 44143

b. The holder of these operations specifications is the holder of Certificate Number I9SR491N 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 operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.

d. The repair station specified on these operations specifications and located within the domestic United States performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of a Bilateral Aviation Safety Agreement and associated Maintenance Implementation Procedures between the Federal Aviation Administration and a Foreign National Aviation Authority identified in the Interim BASA/MIP Guidance.

Inertial Aerospace Services, Inc.

Delegated authorities: None

A002 . Definitions and Abbreviations

HQ Control: 11/15/2010

HQ Revision: 05a

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code 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.

**Bilateral Aviation
Safety Agreement
(BASA)**

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" shall mean 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.

CFR

Code of Federal Regulations

Class rating

As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics.

**Domestic Repair
Station**

A certificated repair station located in the United States.

Exemption

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, Part 11.

**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.

FAA Form 8000-4-1

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

**Foreign Repair
Station**

A certificated repair station located outside of the United States.

**Geographic
Authorization**

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or operator of U.S. - registered aircraft under 14 CFR Part 129, at a location other

than the repair station facility. A geographic authorization is issued by the FAA to respond to the need of a U.S. air carrier or Part 129 foreign operator 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.

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.

Limited Rating

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 or data acceptable to 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.

Maintenance

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

**Maintenance
Implementation
Procedures (MIP)**

Procedures for implementing the provisions of a BASA that apply to maintenance.

MOE

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

**Preventive
Maintenance**

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

QCM

Quality Control Manual

RSM

Repair Station Manual

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

Radio Class 2: Navigational Equipment

Instrument Class 1: Mechanical

Instrument Class 2: Electrical

Instrument Class 3: Gyroscopic

Instrument Class 4: Electronic

Limited Ratings

| <u>Rating</u> | <u>Manufacturer</u> | <u>Make/Model</u> | <u>Limitations</u> |
|-----------------------------|----------------------------|--|---|
| Accessories - Electrical | Rosemount/Goodrich | 08781DF1-1 Ice detector | Maintenance and repair in accordance with current manufacturer's instructions. |
| | Rockwell-Collins | 700-2186-001 Lamp assembly | Repair, test and return to service per current United Airlines (UALA) maintenance instructions. |
| | Honeywell | Integrated Switch Panel 4073972-3, -301, -4, -401, -5 thru -10 | Repair, test and return to service per current American Airlines (AALA) maintenance instructions. |

Limited Ratings - Specialized Services

| <u>Rating</u> | <u>Specifications</u> | <u>Limitations</u> |
|----------------------|---|---|
| Accessory | Inertial Airline Services Process Specification 50015 or later approved revision. | Maintenance, repair, test and return to service of Honeywell variable resistor assembly part number 3175956, and JET Parts Engineering part number 3175956JP. |
| Instrument | Inertial Airline Services Process Specification 10323 or later approved revision. | Maintenance, repair, test and return to service of Honeywell Display Glass Assemblies part number 4084563, 4073633. |
| | Inertial Airline Services Process Specification 50019 or later approved revision. | Maintenance, repair, test and return to service of Honeywell Display Glass Assembly part number 4072798. |
| | Inertial Airline Services Process Specification 10669M or later approved revision. | Maintenance and return to service of Honeywell Integrated Switch Panel Touch Assembly Panel part numbers 4073972-3, -301, -4, -401 thru -10 and IDD Aerospace 3LP20-3, -4, 865-000103-3 thru -6, -9, -10. |
| | Inertial Airline Services Process Specification 10372RM or later approved revision. | Maintenance and return to service of Honeywell Gyro Spare Kits P/N 10095212-101, -102, -103, -105, -106, -107. |
| | Inertial Airline Services Process Specification 10882PM Rev. 01 or | Maintenance and return to service of Goodrich Fuel Quantity Indicator Display Module P/N 10080-1800-401 and 10080-1800- |

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 |

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

| | Reference Paragraphs |
|---|-------------------------|
| Use Exemptions. | A005 |
| Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP. | 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 U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station. | D107 |

A007. Designated Persons

HQ Control: 12/19/06
HQ Revision: 030

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

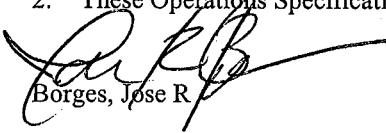
| Title | Name | Parts Authorized |
|---------------------|------------------|------------------|
| Director of Quality | Blaine R. Lewis, | A,D |

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 |
|------------------|---------------------|---------------|--------------------------------|
| Blaine R. Lewis, | blewis@inertial.com | 440 995-3665 | ALL |

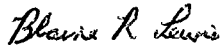
1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.


Borges, Jose R.

Principal Avionics Inspector

GL25

3. Date Approval is effective: 2/2/07 Amendment Number: 7
4. I hereby accept and receive the Operations Specifications in this paragraph.



Blaine R. Lewis,

Director of Quality

Date: 2/2/07

**A025 . Electronic/Digital Recordkeeping System,
Electronic/Digital Signature, and Electronic Media**

HQ Control: 11/16/2004

HQ Revision: 00a

a. The certificate holder is authorized to use an approved electronic/digital recordkeeping system, described and/or referenced in this paragraph (if none, enter N/A.)

N/A

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").

CD, DVD, or .PDF file submitted via e-mail, with a revised CD revised CD or DVD submitted to the Cleveland FSDO upon acceptance or approval.

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2011.03.08 16:29:08 Central Standard Time
Location: WebOPSS
Digitally signed by Jose R. Borges, Principal
Avionics Inspector (GL25)

4. Date Approval is effective: 03/08/2011 Amendment Number: 0
5. I hereby accept and receive the Operations Specifications in this paragraph.

Blaine R. Lewis, , Director of Quality

Blaine R. Lewis

Date: 03/08/2011

A449 . Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2009

HQ Revision: 00a

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 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 Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention 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 Antidrug and Alcohol Misuse Prevention Program Records: |
|--------------------------|--|
| Telephone Number: | A1 (440) 995-6555 |
| Address: | 375 Alpha Drive |
| Address: | N/A |
| City: | Heighland Heights |
| State: | OH |
| Zip code: | 44143 |

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention 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, as specified in the regulations.

The certificate holder has fewer than 50 safety-sensitive employees.

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2009.11.24 14:37:40 Central Standard Time
Location: WebOPSS
Digitally signed by Jose R Borges, Principal
Avionics Inspector

4. Date Approval is effective: 11/24/2009

Amendment Number: 5

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

Blaine R. Lewis, , Director of Quality

Blaine R. Lewis

Date: 11/24/2009