

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

# Air Agency Certificate

*Number* UO2R221L

*This certificate is issued to*  
**Garrett Aviation Services, LLC**  
**d/b/a Standard Aero**  
*whose business address is*

**1200 North Airport Drive**  
**Springfield, Illinois 62707**

*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:*

**Accessory (1-3-78)**  
**Airframe (1-3-78)**  
**Instrument (4-2-90)**  
**Radio (4-14-86)**  
**Limited Engine (9-18-2007)**  
**Limited Nondestructive Testing (3-17-97)**  
**Limited Propeller (7-29-98)**

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

*Date issued:*

**January 3, 1978**

**Reissued: March 31, 2008**

*By direction of the Administrator*

  
**Dixie J. Norton**

**Manager, Springfield Flight Standards District Office**

**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:** 11/16/04  
**HQ Revision:** 050

- a. These operations specifications are issued to Garrett Aviation Services, LLC, 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:  
1200 North Airport Drive  
Capital Airport  
Springfield, IL 62707

Mailing Address:  
1200 North Airport Drive  
Capital Airport  
Springfield, IL 62707

- b. The holder of these operations specifications is the holder of Certificate Number UO2R221L 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 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 Advisory Circular 145-8.

The certificate holder is authorized to conduct the operations described in subparagraph a under the following other business names:

Standard Aero

Delegated authorities: None


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

  
Lindauer, Curt C.

Principal Maintenance Inspector

GL19

4. Date Approval is effective: 3/31/08 Amendment Number: 8
5. I hereby accept and receive the Operations Specifications in this paragraph.

  
Menard, Michel L.

FAA Accountable Manager, 145

Date: 3/31/08

**A002. Definitions and Abbreviations**

**HQ Control:** 11/16/04  
**HQ Revision:** 050

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

**Substantial  
Maintenance**

Any activity involving a C-check (routine airframe maintenance) or greater maintenance; any engine maintenance requiring case separation or teardown; and/or major alterations or major repairs performed on airframes, engines, or propellers.

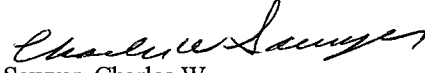
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1. Issued by the Federal Aviation Administration.
  2. These Operations Specifications are approved by direction of the Administrator.

  
Gambrel, Kerry J.

Principal Maintenance Inspector

GL19

3. Date Approval is effective: 8/3/06 Amendment Number: 5
4. I hereby accept and receive the Operations Specifications in this paragraph.

  
Sawyer, Charles W.

Chief Inspector

Date: 8/3/06

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**A003. Ratings and Limitations**

**HQ Control:** 01/30/04  
**HQ Revision:** 010

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  
Airframe Class 1: Composite Construction of Small Aircraft  
Airframe Class 3: All-Metal Construction of Small Aircraft  
Airframe Class 4: All-Metal Construction of Large Aircraft  
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**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make / Model</u></b>	<b><u>Limitations</u></b>
PowerPlant	Honeywell	TFE 731 Series	Authorized to perform ground runs, checks, tests, adjustments, inspections, repairs, alterations, removal/installation, hot section/gearbox repair using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)
		ATF 3-6, 3-6A Series, HTF 7000	Authorized to perform ground runs, tests, checks, adjustments, inspections, repairs, alterations, removal/installation, hot section/gearbox repair using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continues airworthiness or any other data approved or accepted byt he Administrator. (As revised)

**Limited Ratings**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make / Model</u></b>	<b><u>Limitations</u></b>
	Pratt & Whitney	JT 15D Series	Authorized to perform ground runs, tests, checks, adjustments, minor inspections, minor repairs, removal/installation, using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)
		PW 300 Series	Authorized to perform ground runs, tests, checks, adjustments, minor inspections, minor repairs, alterations, removal/installation, using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)
	General Electric	CF 700-2 Series, CF 34 Series, CJ 610 Series	Authorized to perform ground runs, tests, checks, adjustments, minor inspections, minor repairs, removal/installation, using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)
	CFE Company	CFE 738 Series	Authorized to perform ground runs, tests, checks, adjustments, inspections, repairs, alterations, removal/installation, gearbox repair using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)

**Limited Ratings**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make / Model</u></b>	<b><u>Limitations</u></b>
	Rolls Royce Ltd.	BR 710, Dart, Spey, Tay Series	Authorized to perform ground runs, tests, checks, adjustments, minor inspections, minor repairs, removal/installation, using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)
	Williams International	FJ 44 Series	Authorized to perform ground runs, tests, checks, adjustments, minor inspections, minor repairs, using methods, techniques and practices in accordance with manufacturers maintenance manual, customers instructions for continued airworthiness or any other data approved or accepted by the Administrator. (As revised)
Nondestructive Inspection, Testing, and Processing			Magnetic Particle Inspection in accordance with ASTM E1444, as revised. Liquid Penetrant Inspection in accordance with ASTM E1417, as revised. Eddy Current Inspection in accordance with MIL-STD-1537B, as revised. Radiographic (X-Ray) to be performed in accordance with current manufacturer's specifications and ASTM E1742, as revised.
Propellers			Ultrasonic Inspection in accordance with MIL-STD-2154, as revised. Limited to perform maintenance in accordance with the Propeller or Aircraft Manufacturer's maintenance instructions, on propellers installed on aircraft for which the repair station is rated. Excluding major repairs, major alterations, and overhaul.

**Limited Ratings - Specialized Services**

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

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

*Frank D. Crawford*

Crawford, Frank D

Principal Avionics Inspector

GL19

4. Date Approval is effective: 5/21/09 Amendment Number: 7
5. I hereby accept and receive the Operations Specifications in this paragraph.

*Chad Jones*

Jones, Chad

Chief Inspector

Date: 5/21/09

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**A004. Summary of Special Authorizations and Limitations**

**HQ Control: 9/23/1998**

**HQ Revision: 010**

**a. The certificate holder, in accordance with the reference paragraphs, is authorized to:**

	<u>Reference Paragraphs</u>
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>b. The certificate holder is <i>not authorized and shall not</i>:</b>	
Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
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 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

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

  
Gambrel, Kerry J.

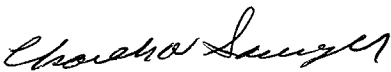
Principal Maintenance Inspector

GL19

3. Date Approval is effective: 8/3/06

Amendment Number: 6

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

  
Sawyer, Charles W.

Chief Inspector

Date: 8/3/06

**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**

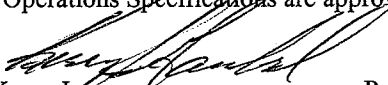
Title	Name	Parts Authorized
FAA Accountable Manager, 145	Menard, Michel L.	A,D
Chief Inspector	Jones, Chad	A,D
EASA Accountable Manager, 145	Menard, Michel L.	A,D

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
Chad Jones	chad.jones@standardaero.com	217-535-3442	ALL

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

  
Gambrel, Kerry J. Principal Maintenance Inspector GL19

4. Date Approval is effective: 12/15/08 Amendment Number: 18
5. I hereby accept and receive the Operations Specifications in this paragraph.

  
Jones, Chad Chief Inspector Date: 12/15/08

**A449. Antidrug and Alcohol Misuse Prevention Program**

**HQ Control:** 01/22/04  
**HQ Revision:** 000

- 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 sightseeing operation as defined by 14 CFR §135.1(c).
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 121 appendices I and J 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**

<b>Location &amp; Telephone of Antidrug and Alcohol Misuse Prevention Program Records:</b>	
<b>Telephone Number:</b>	A2 (217)544-3431
<b>Address:</b>	1200 North Airport Drive
<b>Address:</b>	N/A
<b>City:</b>	Springfield
<b>State:</b>	IL
<b>Zip code:</b>	62707

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 50 or more 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.


  
Gambrel, Kerry J.

Principal Maintenance Inspector

GL19

4. Date Approval is effective: 3/20/09
5. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: 4

  
Jones, Chad

Chief Inspector

Date: 3/20/09

**D100. Work to be Performed at a Place Other Than the  
Repair Station Fixed Location(s)**

HQ Control: 11/16/04  
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**

Work Authorized	Repair Stations Manual References	Quality Control Manual References
The repair station is authorized to perform maintenance away from base and maintain or alter any article for which it is rated.	Standard Aero RSQCM, Section 16, Pages 81 and 82, as revised.	Standard Aero RSQCM, Section 16, Pages 81 and 82, as revised.

- 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.

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


  
Gambrel, Kerry J.

Principal Maintenance Inspector

GL19

4. Date Approval is effective: 12/15/08
5. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: 6

  
Jones, Chad

Chief Inspector

Date: 12/15/08