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Part A

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**A001 . Issuance and Applicability**

**HQ Control: 02/11/2016**

**HQ Revision: 060**

a. These operations specifications are issued to Structural Testing Systems, 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:  
Long Island MacArthur Airport  
2221 Smithtown Avenue  
Ronkonkoma, New York 11779

b. The holder of these operations specifications is the holder of certificate number ES1R124K 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. U.S./EU Aviation Safety Agreement Repair Station/Maintenance Organization Approvals not authorized.

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 Eric T. Petry on behalf of Torns, Michael, Principal Maintenance Inspector (EA11)

[1] EFFECTIVE DATE: 2/19/2016, [2] AMENDMENT #: 12

DATE: 2016.02.19 08:55:41 -06:00

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

*Mark Welter*

*29 FEB 2016*

Welter, Mark, 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.

<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 John R Harris, Principal Maintenance Inspector (EA11)

[1] SUPPORT INFO: update new format

[2] EFFECTIVE DATE: 8/14/2018, [3] AMENDMENT #: 8

DATE: 2018.08.14 07:08:26 -05:00

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

A handwritten signature in black ink, appearing to read "J. White", written over a horizontal line.

White, Jason, FAA Accountable Manager, 145

14 Aug 2018

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**

<b><u>Rating</u></b>	<b><u>Manufacturer</u></b>	<b><u>Make/Model</u></b>	<b><u>Limitations</u></b>
Nondestructive Inspection, Testing, and Processing	ALL	ALL	Ultrasonic Inspection in accordance with the current aircraft/powerplant manufacturer's maintenance manuals or MIL-STD-2154, as amended.
Nondestructive Inspection, Testing, and Processing	ALL	ALL	Radiographic Inspection in accordance with the current aircraft/powerplant manufacturer's maintenance manuals or MIL-STD-453C, as amended.
Nondestructive Inspection, Testing, and Processing	ALL	ALL	Eddy Current Inspection in accordance with the current aircraft/powerplant manufacturer's maintenance manuals or Volume 2, MIL-HDBK 728/2, as amended.
Nondestructive Inspection, Testing, and Processing	ALL	ALL	Liquid Penetrant Inspection in accordance with the current aircraft/powerplant manufacturer's maintenance manuals or ASTM-1417, as amended.
Nondestructive Inspection, Testing, and Processing	ALL	ALL	Magnetic Particle Inspection in accordance with the current aircraft/powerplant manufacturer's maintenance manuals or ASTM-1444, as amended.

**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 John R Harris, Principal Maintenance Inspector (EA11)

[1] SUPPORT INFO: Format change

[2] EFFECTIVE DATE: 8/14/2018, [3] AMENDMENT #: 3

DATE: 2018.08.14 07:15:33 -05:00

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

A handwritten signature in black ink, appearing to read "J. White", written over a horizontal line.

White, Jason, FAA Accountable Manager, 145

14 Aug 2018

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:

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

Use Exemptions.	A005
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Use an approved electronic recordkeeping system and/or electronic signature.	A025
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Perform maintenance with JAA ratings where the scope of work is authorized by the appropriate JAA form 3.	A060
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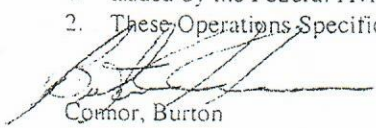
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
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Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
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Perform line maintenance for certificate holders conducting operations under 14 CFR Parts 121, 125, and 135, and for foreign carriers or foreign persons operating a U.S.-registered aircraft in common carriage under 14 CFR Part 129.	D107
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1. Issued by the Federal Aviation Administration.

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

  
Comor, Burton

Principal Maintenance Inspector

EA11

3. Date Approval is effective: 6/25/04

Amendment Number: 2

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

  
Ralph Michelli

Vice President/Chief Inspector

Date: 6/25/04

**A007 . Designated Persons**

**HQ Control: 12/19/2006**

**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
President	Sherry, Robert	A,D
FAA Accountable Manager, 145	Small, Jack Alexander	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
Small, Jack Alexander	Jack@stsndt.com	631-737-0826	ALL

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




Digitally signed by John R Harris, Principal Maintenance Inspector (EA11)

[1] SUPPORT INFO: Change accountable manager

[2] EFFECTIVE DATE: 3/19/2019, [3] AMENDMENT #: 7

DATE: 2019.03.19 05:27:13 -05:00

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

  
\_\_\_\_\_  
Small, Jack Alexander, FAA Accountable Manager, 145

3/19/19

Date



**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:	A3 631-737-0477
Address:	2221 Smithtown Ave
Address:	N/A
City:	Ronkonkoma
State:	NY
Zip code:	11779

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.



2010.01.05 08:05:35 Central Standard Time  
Location: WebOPSS  
Digitally signed by Louis Misiano,  
Principal Maintenance Inspector

4. Date Approval is effective: 01/05/2010

Amendment Number: 3

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

Bailey, Antoinette, (Not Applicable)

*Antoinette Bailey*

Date: 01/05/2010



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PART D - Additional Maintenance Authorizations & Limitations

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/04	12/14/04	3
107 Line Maintenance Authorization	11/16/04	(Not used)	

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
Nondestructive Inspections as listed in operations specifications Part A3	Structural Testing Systems Repair Station Manual Section 5	

- 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.

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

  
Connor, Burton

Principal Maintenance Inspector

EA11

3. Date Approval is effective: 12/14/04  
4. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: 3

  
Ralph Micheli,

Vice President

Date: 12/14/04