

TABLE OF CONTENTS

PART A - General

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
1 Issuance and Applicability	01/30/04	06/30/04	6

A001. Issuance and Applicability

HQ Control: 01/30/04
HQ Revision: 040

- a. These operations specifications are issued to Aircraft Ducting Repair, 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:
101 Hunters Circle
Forney, TX 75126

Mailing Address:
101 Hunters circle
Forney, TX 75126

- b. The holder of these operations specifications is the holder of Certificate Number A7DR372J 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 is performing 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 Joint Aviation Authority (JAA) member countries.

Delegated authorities:

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



Bland, Gene

Principal Maintenance Inspector

SW05

3. Date Approval is effective: 6/30/04 Amendment Number: 6
4. I hereby accept and receive the Operations Specifications in this paragraph.



Girardot, Stan

Chief Inspector

Date: 6/30/04

A002. Definitions and Abbreviations

HQ Control: 01/30/04
HQ Revision: 040

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.

JAA

Joint Aviation Authority

<u>JAA Accountable Manager</u>	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 JAA full member Authority.
<u>Limited Rating</u>	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.
<u>Limited Ratings - Specialized Services</u>	Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.
<u>Line Maintenance</u>	Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.
<u>Maintenance</u>	The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.
<u>Maintenance Implementation Procedures (MIP)</u>	Procedures for implementing the provisions of a BASA that apply to maintenance.
<u>MOE</u>	Maintenance Organization Exposition - Pertains to Joint Aviation Authority member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.
<u>Preventive Maintenance</u>	As defined in Appendix A subparagraph (c) of 14 CFR Part 43.
<u>QCM</u>	Quality Control Manual
<u>RSM</u>	Repair Station Manual
<u>Substantial Maintenance</u>	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.

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



Bland, Gene

Principal Maintenance Inspector

SW05

3. Date Approval is effective: 6/30/04 Amendment Number: 4
4. I hereby accept and receive the Operations Specifications in this paragraph.



Girardot, Stan

Chief Inspector

Date: 6/30/04

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

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Airframe	Boeing	707,727,737,747,757,767, and 777	Repair of high and low pressure ducts, hydraulic, fire extinguisher, and fuel tubes, exhaust tail pipes including thrust reversers and hardware, cones and brackets, support tubes, housings and fittings, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator, Repair of Allied Signal Cooling Pack Pneumatic Ducts for Pack Assemblies P/N 2202450-6, 2202450-7, 2202450-8, 2202450-9.
Airframe	Boeing	757	Repair of flexible Slide Joint Assemblies P/N 14J98-1 (Boeing S321N5306-1) and 14J99-2 (Boeing S312N5321-1) per Aircraft Ducting Process Specification ADRS00261 latest revision. Repair of flexible Slide Joint Assemblies P/N 16J08-1 (S312N5321-7) per Aircraft Ducting Process Specification ADRS00285 latest revision>
Airframe	Bombardier Aerospace	CRJ 100/200	Repair of ducts, tubes and manifolds per Texas Air Composites SRM-001

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Airframe	Douglas	DC-8, DC-9, DC-10, MD-11, MD-80 and MD-90	Repair of high and low pressure ducts, hydraulic, fire extinguisher, and fuel tubes, exhaust tail pipes including thrust reversers and hardware, cones and brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes air check valves and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.
Airframe	Convair	CV-600	Repair of high and low pressure ducts, exhaust tail pipes including thrust reversers and hardware, cones and brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.
Airframe	Airbus	A300, A310, A318, A319, A320, A321, A330, and A340	Repair of high and low pressure ducts, exhaust tail pipes including thrust reversers and hardware, cones and brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.
Airframe	Saab	340	Repair of high and low pressure ducts, exhaust tail pipes including thrust reversers and hardware, cones, hinges, brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Airframe	Fokker	models 70 and 100	Repair of high and low pressure ducts, exhaust tail pipes including thrust reversers and hardware, cones and brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.
Airframe	Lockheed	L-1011	Repair of high and low pressure ducts, exhaust tail pipes including thrust reversers and hardware, cones and brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.
Airframe	Gulfstream Aerospace	models GII and GIV	Repair of high and low pressure ducts, exhaust tail pipes including thrust reversers and hardware, cones and brackets, engine and airframe cowlings, shrouds, scrolls, doors, nose domes and weldable structures in accordance with current manufactures' instructions and/or other data approved by the administrator.
	Boeing	model 737	Structural repair of cabin galleys and related hardware. Repair of escape slide floor plate assembly, including Helicoil replacement P/N 65-65973-2 and 65-65972-3. Patch repair of insulation blankets P/N S315A213-25, -26, -28, -43, -44, -45, -51, -52, 99A-9225, 99A9226, 99A9228, 99A9243, 99A9244, 99A9245, 99A9246, 99A9251 and 99A9252.
Airframe	Boeing	model 757	Repair of Flexible Joint Assemblies part numbers 14J91-500 (S312N301-12), 14J96-500 (S312N301-11), 16J04-1 (S312N301-18), 35E68-1 (S312N301-21) in accordance with Process Specification ADRS00258, latest revision.

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
Airframe	Fokker	models 70 and 100	Repair of APU Expansion Box Assembly, Part No. D67083-409, -417, -423, -429, -435 in accordance with Aircraft Ducting Process Specification No. ADRS00203, latest revision.
Airframe	Airbus	model A300 - 600	Repair/Overhaul of APU Outlet Assembly Part No. D67084-403 and -409 as per Aircraft Ducting Process Specifications No. ADRS00218, latest revision.
Airframe	Saab	model 340	Repair/Overhaul of APU Exhaust Muffler Part No. A4987040000000, -200, -400, and -600 as per Aircraft Ducting Process Specification No. ADRS00205, latest revision.
PowerPlant	Pratt & Whitney turbine model powerplants	JT3D, JT8D, and PW 4000	Repair/Overhaul of right hand forward Engine Cowling Door Part No. 7271110-507, -606 per Aircraft Ducting Process Specification No. ADRS00206, latest revision.
PowerPlant	CFM International, S.A. turbine model powerplant	CFM56-3 and CFM-56-7	Repair/Overhaul of Nose Landing Gear Door Part No. 7232209-731 per Aircraft Ducting Process Specification No. ADRS00222, latest revision.
PowerPlant	International Aero Engines turbine model powerplant	V2500	Repair of anti-icing and de-icing, fuel and oil heater, bleed air, breather and vent manifolds, ducts, tubes and spinners in accordance with current Manufacturers' instructions and/or other data approved by the Administrator.
PowerPlant	International Aero Engines turbine model powerplant	V2500	Repair of anti-icing and de-icing, fuel and oil heater, bleed air, breather and vent manifolds, ducts, tubes and spinners in accordance with current Manufacturers' instructions and/or other data approved by the Administrator.

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make / Model</u>	<u>Limitations</u>
PowerPlant	General Electric	CF6-6, CF6-50 and CF6-80C2	Repair /Overhaul of Engine Starter Duct Assembly Part No. 740-5121-505, 507 & 509, 740-5122-501 & 503, 745-5122-503 in accordance with Aircraft Ducting Process Specification No. ADRS00220, latest revision. Repair of anti-icing and de-icing, fuel and oil heater, bleed air, breather and vent manifolds, ducts, tubes, spinners, forward and aft center bodies and fixed cowl assemblies in accordance with current Manufacturers' instructions and/or other data approved by the Administrator.

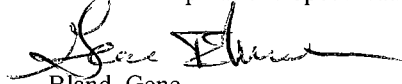
Limited Ratings -
Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Hydrostatic and Inert Gas Pressure Testing	Current manufacturer's instructions or other data approved by the Administrator.	N/A
Gas Tungsten Arc Welding	Mil Specification MIL-STD-2219 and AWS D17.1, current manufacturer's instructions or other data approved by the Administrator.	N/A
Liquid Penetrant Inspection	MIL Specification MIL-STD-6866 and ASTM-E 1417-99, current manufacturer's instructions, or other data approved by the Administrator	N/A

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
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1. Issued by the Federal Aviation Administration.
2. These Operations Specifications are approved by direction of the Administrator.


Bland, Gene

Principal Maintenance Inspector

SW05

3. Date Approval is effective: 6/30/04 Amendment Number: 11
4. I hereby accept and receive the Operations Specifications in this paragraph.



Girardot, Stan

Chief Inspector

Date: 6/30/04

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:

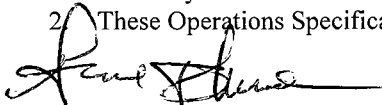
	<u>Reference Paragraphs</u>
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

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

Use Exemptions.	A005
Use an approved electronic recordkeeping system and/or electronic signature.	A025
Perform maintenance with JAA ratings where the scope of work is authorized by the appropriate JAA form 3.	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 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

1. Issued by the Federal Aviation Administration.

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


Bland, Gene

Principal Maintenance Inspector

SW05

3. Date Approval is effective: 6/30/04

Amendment Number: 5

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



Girardot, Stan

Chief Inspector

Date: 6/30/04

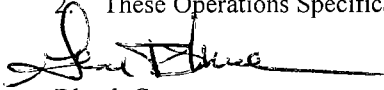
A007. Designated Persons

HQ Control: 01/30/04
HQ Revision: 020

The personnel listed in the following table are designated to officially apply for and receive operations specifications for the certificate holder indicated below.

Title	Name	Parts Authorized
Chief Inspector / Quality Manager	Girardot, Stan	A

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



Bland, Gene

Principal Maintenance Inspector

SW05

3. Date Approval is effective: 6/30/04 Amendment Number: 5
4. I hereby accept and receive the Operations Specifications in this paragraph.



Girardot, Stan

Chief Inspector

Date: 6/30/04

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

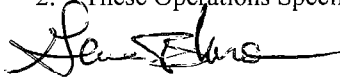
Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	(972) 564-9000
Address:	101 Hunters Circle
Address:	N/A
City:	Forney
State:	TX
Zip code:	75126

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



Bland, Gene

Principal Maintenance Inspector

SW05

3. Date Approval is effective: 6/30/04 Amendment Number: 0
4. I hereby accept and receive the Operations Specifications in this paragraph.



Girardot, Stan

Chief Inspector

Date: 6/30/04