

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	02/23/2011	10/31/2011	10
002 Definitions and Abbreviations	11/15/2010	10/31/2011	8
003 Ratings and Limitations	01/30/2004	07/14/2011	9
004 Summary of Special Authorizations and Limitations	09/23/1998	03/09/2010	7
007 Designated Persons	12/19/2006	10/31/2011	11
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	11/16/2004	11/30/2009	0

Table of Contents

Part D

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
100 Work to be Performed at a Place Other Than the Repair Station Fixed Location(s)	11/16/2004	03/09/2010	0

A001 . Issuance and Applicability

HQ Control: 02/23/2011

HQ Revision: 05a

a. These operations specifications are issued to ASIAN SURFACE TECHNOLOGIES PTE LTD, a Foreign 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:
55 Loyang Drive
Singapore, 508967
Singapore

b. The holder of these operations specifications is the holder of Certificate Number PX6Y136J 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 10/31/2012, unless sooner surrendered, suspended, or revoked.

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: None

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



2011.10.31 03:16:11 Central Daylight Time
Location: WebOPSS
Digitally signed by John Gilbert, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 10/31/2011 Amendment Number: 10
5. I hereby accept and receive the Operations Specifications in this paragraph.

Lockwood, Jeromey R, FAA Accountable Manager, 145

A handwritten signature in black ink that reads "Jeromey R. Lockwood".

Date: 10/31/2011

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

None Authorized

Limited Ratings

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Engines	Pratt & Whitney	PW 4000 and JT9D Series.	Maintenance and alteration limited to turbine engine fan blades only in accordance with current manufacturer's or other FAA approved technical data.
Engines	Pratt & Whitney, Pratt & Whitney Canada, Snecma, CFM, International Aero Engines (IAE) and Honeywell.	All Turbine Engine Models except engine articles unique to Airbus A-340 and A-380.	Maintenance and alteration limited to application and machining of Thermal Spray type coatings in accordance with current manufacturer's or other FAA approved technical data.
Landing Gear Components	Messier	All models except for articles unique to Airbus A-340 and A-380.	Maintenance and alteration limited to application and machining of Thermal Spray type coatings in accordance with current manufacturer's or other FAA approved technical data.
Accessories - Mechanical	BF Goodrich, Honeywell	All models except for articles unique to Airbus A-340 and A-380.	Maintenance and alteration limited to application and machining of Thermal Spray type coatings in accordance with current manufacturer's or other FAA approved technical data.
Nondestructive Inspection, Testing, and Processing	Not Applicable	All models except for articles unique to Airbus A-340 and A-380.	Radiographic Ultrasonic Eddy Current Fluorescent Penetrant All NDT must be in accordance with current manufacturer's or other FAA approved technical data. All NDT personnel qualification and certification must be in accordance with NAS410.

Limited Ratings - Specialized Services

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
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100

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
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449
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. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.03.09 00:32:32 Central Standard Time
Location: WebOPSS
Digitally signed by Rod Ziegler, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 03/09/2010 Amendment Number: 7
5. I hereby accept and receive the Operations Specifications in this paragraph.

Lee, William, Quality Assurance Manager

A handwritten signature in black ink, appearing to be "W Lee", written over a horizontal line.

Date: 03/09/2010

**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.)

RSM Section 9.7.1

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").

RSM Section 9.7.1

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




2010.01.26 21:41:04 Central Standard Time
Location: WebOPSS
Digitally signed by Rod Ziegler, Principal
Maintenance Inspector

4. Date Approval is effective: 11/30/2009

Amendment Number: 0

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


Lee, William, Quality Assurance Manager

Date: 01/20/2010

D100 . Work to be Performed at a Place Other Than the Repair Station Fixed Location(s) HQ Control: 11/16/2004
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
Limited Powerplant and Limited Nondestructive inspection, testing, and processing as authorized in A003.	Repair Station Manual Part 6.3	See Repair Station Manual

- 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. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.03.09 20:51:56 Central Standard Time
Location: WebOPSS
Digitally signed by Rod Ziegler, Principal
Maintenance Inspector (WP33)

4. Date Approval is effective: 03/09/2010 Amendment Number: 0
5. I hereby accept and receive the Operations Specifications in this paragraph.

Lee, William, Quality Assurance Manager

A handwritten signature in black ink, appearing to be "W Lee", written over a horizontal line.

Date: 03/09/2010