



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aviation Safety

Los Angeles International Field Office
777 S. Aviation Blvd., Suite #150
El Segundo, CA 90245
Tel.: 424-405-7825
Fax: 424-405-7975

October 17, 2018

Mrs. Yanqui Yang
Quality Manager
Sichuan Services Aero Engine Maintenance Corp Ltd (SSAMC)
No. 66 of Gong Xing Street Lian Jian Road
Shuangliu District, Chengdu, Sichuan
China 610213

Dear Mrs. Yang:

The payment for the renewal of Air Agency Certificate number UQNY034X has been received and confirmed. The new certificate is enclosed and will be effective **November 1, 2018** and remain in effect until **OCTOBER 31, 2020**, unless it is surrendered, suspended or revoked before the aforementioned expiration date. Mail the superseded Air Agency Certificate to the Los Angeles International Field Office (LAX IFO) upon expiration.

In accordance with Federal Aviation Administration (FAA) Order 8900.1, your certificate is being renewed for a period of **2** years. During the non-renewal year, surveillance activities of the repair station will continue to be conducted. These surveillance activities will continue to be billed and fees collected in accordance with Title 14 CFR Part 187.

In our continuing effort to improve the quality of service to our stakeholders, the FAA's Flight Standards Service would appreciate any comments you may have on our services and how to improve them. Your participation in meeting our goals for continuous improvement is greatly appreciated. You can submit your feedback by going to the following link and selecting Los Angeles IFO (FS-58) from the drop down menu:
https://www.faa.gov/about/office_org/headquarters_offices/avs/stakeholder_feedback/afx/af_s50/

Sincerely,

Christopher J. Collins
Acting Manager, Los Angeles International Field Office (LAX-IFO)

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number UQNY034X

This certificate is issued to

SICHUAN SERVICES AERO ENGINE MAINTENANCE CORP LTD
D/B/A: SSAMC

whose business address is

NO. 66 OF GONG XING STREET LIAN JIAN ROAD
SHUANGLIU DISTRICT, CHENGDU, SICHUAN
CHINA 610213

*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:

LIMITED - AIRFRAME (09/11/2009)
LIMITED - ENGINES (12/12/2003)
LIMITED - ACCESSORIES (12/12/2003)
LIMITED - NONDESTRUCTIVE INSPECTION, TESTING, & PROCESSING (06/09/2010)

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* UNTIL OCTOBER 31, 2020

Date issued:

ORIGINAL:
DECEMBER 10, 2001

By direction of the Administrator

for

CHRISTOPHER J. COLLINS, MANAGER
LOS ANGELES-IFO (AFS-54-LAX)

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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Part A

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001 Issuance and Applicability	02/11/2016	12/10/2017	15
002 Definitions and Abbreviations	12/14/2017	01/03/2018	10
003 Ratings and Limitations	04/03/2017	01/03/2018	14
004 Summary of Special Authorizations and Limitations	09/23/1998	12/10/2017	9
007 Designated Persons	12/19/2006	12/10/2017	14
025 Electronic/Digital Recordkeeping System, Electronic/Digital Signature, and Electronic Media	04/03/2017	12/10/2017	7
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A001 . Issuance and Applicability

HQ Control: 02/11/2016

HQ Revision: 05e

a. These operations specifications are issued to SICHUAN SERVICES AERO ENGINE MAINTENANCE CORP LTD, a Repair Station, located outside 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:

No. 66 of Gong Xing Street Lian Jian Road
Shuangliu District
Chengdu, Sichuan
610213
China

Mailing Address:

No. 66 of Gong Xing Street Lian Jian
Road
Shuangliu District,
Chengdu, Sichuan
610213
China

b. The holder of these operations specifications is the holder of certificate number UQNY034X 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 expiration date on the issued certificate for a repair station that is located outside the United States unless previously surrendered, suspended, or revoked.

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

SSAMC


Delegated authorities: None

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



Digitally signed by Anthony H Manachi, Principal Avionics Inspector (FS58)
[1] SUPPORT INFO: Address Change
[2] EFFECTIVE DATE: 12/10/2017, [3] AMENDMENT #: 15
DATE: 2017.12.10 19:53:34 -06:00

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


_____ 2017.12.11
Wu, Gang, Quality Manager 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.

BASA	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.
Certificate Holder	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.
CAAS	Civil Aviation Authority of Singapore
CFR	Code of Federal Regulations
Class Rating	As used with respect to the certification, ratings, privileges of airframes, powerplants, propellers, radios, instruments, and accessories within a category having similar operating characteristics.
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.
EU	European Union
Exemption	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.
FOCA	Federal Office of Civil Aviation
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.

Geographic Authorization	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.
Limited Rating	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.
Limited Ratings - Specialized Services	Rating issued for a special maintenance function when the function is performed in accordance with a specification approved by 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.
MAG	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.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EU Aviation Safety Agreement, Annex 2, Maintenance	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.
MIP	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).
MOE	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.

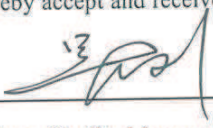
Preventive Maintenance	As defined in 14 CFR part 1 and part 43 appendix A, subparagraph (c).
QCM	Quality Control Manual
Repair Station located in the United States	A FAA certificated repair station located in the United States.
Repair Station located outside the United States	A FAA certificated repair 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 Jeffrey S. Neuin, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: Add Leap-1B engine
[2] EFFECTIVE DATE: 1/3/2018, [3] AMENDMENT #: 10
DATE: 2018.01.03 08:30:01 -06:00

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



Wu, Gang, Quality Manager

2018.01.05

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

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Airframe	Boeing	737-300, 400, 500, 600, 700, 800, 900 Series Aircraft	Powerplant build up and quick engine change kit as listed on the accepted Capability List (As amended)
	Boeing	737 Series Aircraft	Borescope inspection IAW the Boeing 737 series AMM.
	Airbus	A318, A319, A320, A321 Series Aircraft	Powerplant build up and quick engine change kit as listed on the accepted Capability List (As amended)
	Airbus	A 320 Series Aircraft	Borescope inspection IAW the Airbus AMM.
Engines	CFM International	CFM56-3, -5, -7	Inspect, overhaul, repair, preservation, replacement of parts, modification, testing and build-up of engines.
		LEAP-1A	Inspect, overhaul, repair, preservation, replacement of parts, modification, testing and build-up of engines.
		LEAP-1B	Inspect, overhaul, repair, preservation, replacement of parts, modification, testing and build-up of engines.
Nondestructive Inspection, Testing,		Liquid Penetrant Inspection (LPI)	In accordance with ASTM E1417 and current manufacturer's instructions for

Operations Specifications

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
and Processing			continued airworthiness.
		Eddy Current Test	In accordance with BSS 7048 and current manufacturer's instructions for continued airworthiness.
		Ultrasonic Test	In accordance with ATM E317 and current manufacturer's instructions for continued airworthiness.
		Magnetic Particle Inspection (MPI)	In accordance with ASTM E1744 and current manufacturer's instructions for continued airworthiness.
		XRAY	In accordance with ASTM E1742 and current manufacturer's instructions for continued airworthiness.
			Nondestructive testing personnel qualifications and certification shall be in accordance with NAS 410, as amended.
Accessories	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to inspection, repair, testing and overhaul IAW the appropriate manufacturer's instructions and/or other approved data acceptable to the Administrator.

Limited Ratings - Specialized Services

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

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



Digitally signed by Jeffrey S. Neuin, Principal Maintenance Inspector (FS58)
[1] SUPPORT INFO: Add Leap-1B engine
[2] EFFECTIVE DATE: 1/3/2018, [3] AMENDMENT #: 14
DATE: 2018.01.03 08:29:56 -06:00

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



Wu, Gang, Quality Manager

2018-01-05

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:

	Reference Paragraphs
Use an acceptable electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
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 EASA ratings where the scope of work is authorized by a BASA/MAG (U.S.-EU), MIP/MaG (U.S.-Swiss).	A060
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 non-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.



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[1] SUPPORT INFO: Address Change
[2] EFFECTIVE DATE: 12/10/2017, [3] AMENDMENT #: 9
DATE: 2017.12.10 20:11:37 -06:00

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


_____ 2017.12.11
Wu, Gang, Quality Manager Date

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
Quality Manager	Wu, Gang	A,D
FAA Accountable Manager, 145 / General Manager	Gentil, Ricardo	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

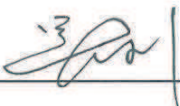
Name	Email Address	Telephone No.	Type of Information to Receive
Gentil, Ricardo	Ricardo.Gentil@ssamc.com.cn	86-28-85722052	ALL
Wu, Gang	wugang@ssamc.com.cn	86-28-85721440	ALL

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



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[1] SUPPORT INFO: Address Change
[2] EFFECTIVE DATE: 12/10/2017, [3] AMENDMENT #: 14
DATE: 2017.12.10 20:13:38 -06:00

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



Wu, Gang, Quality Manager

2017.12.11

Date

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

HQ Control: 04/03/2017

HQ Revision: 00b

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

Repair Station Manual Chapter 0.4

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").

Repair Station Manual Chapter 0.4

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




Digitally signed by Anthony H Manachi, Principal Avionics Inspector (FS58)

[1] SUPPORT INFO: Address Change

[2] EFFECTIVE DATE: 12/10/2017, [3] AMENDMENT #: 7

DATE: 2017.12.10 20:13:41 -06:00

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



Wu, Gang, Quality Manager

2017.12.11

Date

A101 . Additional Fixed Locations

HQ Control: 11/16/2004

HQ Revision: 010

a. The certificate holder may perform work at the following additional fixed location(s) listed in Table 1, provided it has the facilities, material, equipment and technical personnel to perform the work authorized :

Table 1

Additional Location Address(es)				
Address	City	State	Country	Postal Code
Shuangliu International Airport	Chengdu		CHINA	610201

b. This authorizes the certificate holder to use multiple locations to perform its operations under a single certificate.

c. This authorization does not constitute a geographic authorization for work performed at another location.

d. The certificate holder may perform continuous operations at the facilities listed in Table 1 above.

e. Privileges of a line station, as set forth by any EASA line station rating, are authorized at these locations, as applicable.

f. All the authorizations and exemptions authorized for the certificate holder apply at these locations, as applicable.


All engine testing will be performed at the above location.

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

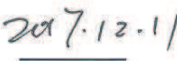


Digitally signed by Anthony H Manachi, Principal Avionics Inspector (FS58)
[1] SUPPORT INFO: Address Change
[2] EFFECTIVE DATE: 12/10/2017, [3] AMENDMENT #: 0
DATE: 2017.12.10 20:13:44 -06:00

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



Wu, Gang, Quality Manager



Date

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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	12/10/2017	6

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 , Limited Accessories, and Limited Nondestructive testing authorized in A003		Section 5.20

- 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.



Digitally signed by Anthony H Manachi, Principal Avionics Inspector (FS58)
[1] SUPPORT INFO: Address Change
[2] EFFECTIVE DATE: 12/10/2017, [3] AMENDMENT #: 6
DATE: 2017.12.10 20:13:46 -06:00

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



Wu, Gang, Quality Manager

2017.12.11

Date