

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number VZFY534Y

This certificate is issued to

CHINA AIRCRAFT SERVICES LIMITED

whose business address is
81 SOUTH PERIMETER ROAD
HONG KONG INTERNATIONAL AIRPORT
LANTAU, HONG KONG

*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

LIMITED - RADIO (06/26/2006)

LIMITED - INSTRUMENTS (06/26/2006)

LIMITED - ENGINES (11/14/2007)

LIMITED - ACCESSORIES (12/07/2010)

LIMITED - NONDESTRUCTIVE INSPECTION, TESTING, & PROCESSING (11/14/2007)

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* UNTIL OCTOBER 31, 2016

Date issued:

ORIGINAL:
APRIL 27, 2000

By direction of the Administrator



HARDIE H. DeGUZMAN
MANAGER, LOS ANGELES IFO (WP-03)

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

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A001 . Issuance and Applicability

HQ Control: 01/31/2012

HQ Revision: 05d

a. These operations specifications are issued to CHINA AIRCRAFT SERVICES LIMITED, 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:
81 Perimeter Road
HKIA
Lantau, 000000
Hong Kong

b. The holder of these operations specifications is the holder of certificate number VZFY534Y 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.

d. U.S./EC 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.

None

Delegated authorities: None

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



Digitally signed by John C Hyndman, Principal Maintenance Inspector (WP03)
[1] EFFECTIVE DATE: 10/18/2012, [2] AMENDMENT #: 13
DATE: 2012.10.18 12:46:47 -05:00

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


_____ 16 Nov 2012
Cheung, Angus, General Manager Date

A002 . Definitions and Abbreviations

HQ Control: 01/12/2012

HQ Revision: 05b

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.
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.
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.
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.
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	An approval 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 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

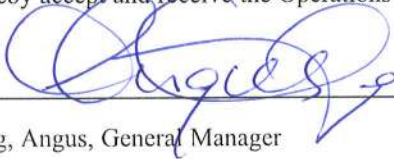
	warrant permanently staffing and equipping the station for its accomplishment.
Limited Rating	A rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.
Limited Ratings - Specialized 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 Agreement, Annex 2, Maintenance.
Maintenance	The inspection, overhaul, repair, preservation, and replacement of parts, but excludes preventive maintenance.
U.S./EC 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.
MOE	A maintenance organization exposition (MOE) pertains to EASA member countries that use an MOE in place of a Repair Station Manual (RSM) and a Quality Control Manual (QCM).
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 certificated repair station located in the United States.
Repair Station located outside the United States	A 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 C Hyndman, Principal Maintenance Inspector (WP03)
[1] EFFECTIVE DATE: 10/18/2012, [2] AMENDMENT #: 8
DATE: 2012.10.18 12:47:30 -05:00

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



Cheung, Angus, General Manager

16 Nov 2012

Date

Operations Specifications

<u>Rating</u>	<u>Manufacturer</u>	<u>Make/Model</u>	<u>Limitations</u>
Engines	Rolls Royce	RB-211-535 Series	Limited to maintenance, preventive maintenance and alteration excluding overhaul, IAW current air carrier manual, engine maintenance manual and/or other data approved by the FAA.
Radio	All transponders	All transponder models	Test and inspect installed transponders IAW CFR Part 43, air carrier's manual, aircraft maintenance manual, and/or other data approved by the FAA. Limited to the makes and models of aircraft listed in the limited airframe rating of these Ops Specs.
Instruments	All altimeters	All altimeter models	Test and inspect altimeters, static systems and automatic altitude system equipment IAW CFR Part 43, air carrier's manual, aircraft maintenance manual, and/or other data approved by the FAA. Limited to the makes and models of aircraft listed in the limited airframe rating of these Ops Specs.
Nondestructive Inspection, Testing, and Processing	Eddy Current	NDI testing, qualification and certification of personnel shall be IAW NAS 410.	Shall be performed IAW AMS E2658 and OEM maintenance manuals as revised, and FAA approved data as revised.
	Ultrasonic	NDI testing, qualification and certification of personnel shall be IAW NAS 410	Shall be performed IAW ASTM E317 and OEM maintenance manuals as revised, and FAA approved data as revised.
	Liquid Penetrant	NDI testing, qualification and certification shall be IAW NAS 410.	Shall be performed IAW ASTM E1417 and OEM maintenance manuals as revised, and FAA approved data as revised.
	Magnetic Particle	NDI testing, qualification and certification of personnel shall be IAW NAS 410.	Shall be performed IAW ASTM E1444 and OEM maintenance manuals as revised, and FAA approved data as revised.
Accessories - Electrical	From the accepted Capability List, as amended.	From the accepted Capability List, as amended.	Limited to the aircraft batteries identified in the China Aircraft Services Limited support shop capability list document, current edition, as revised.

Limited Ratings - Specialized Services

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

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>
Airframe	Boeing	B-737 Series, B-757 Series, B-767 Series, B-777 Series and B-747 Series.	Limited to maintenance, preventive maintenance and alterations including inspections up to a "C" check or equivalent in accordance with (IAW) the applicable air carrier's manual, aircraft maintenance manual and/or other data approved by the FAA.
Airframe	Airbus	A-320 Series (Including A318, A-319 & A-321 as listed on TCDS A28NM)	Limited to maintenance, preventive maintenance and alterations including inspections up to a "C" check or equivalent in accordance with (IAW) the applicable air carrier's manual, aircraft maintenance manual and/or other data approved by the FAA.
Engines	Pratt & Whitney	P&W 4000 Series	Limited to maintenance, preventive maintenance and alteration excluding overhaul, IAW current air carrier manual, engine maintenance manual and/or other data approved by the FAA.
Engines	General Electric	CF6 Series	Limited to maintenance, preventive maintenance and alteration excluding overhaul, IAW current air carrier manual, engine maintenance manual and/or other data approved by the FAA.
Engines	General Electric	GE-90 Series	Limited to maintenance, preventive maintenance and alteration excluding overhaul, IAW current air carrier manual, engine maintenance manual and/or other data approved by the FAA.
Engines	IAE	V2500	Limited to maintenance, preventive maintenance and alteration excluding overhaul, IAW current air carrier manual, engine maintenance manual and/or other data approved by the FAA.
Engines	CFM International	CFM-56 Series	Limited to maintenance, preventive maintenance and alteration excluding overhaul, IAW current air carrier manual, engine maintenance manual and/or other data approved by the FAA.

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



Digitally signed by Deron Kong, Principal Avionics Inspector (WP03)
[1] SUPPORT INFO: Corrected the verbiage in the limitations section to better
reflect current FAA guidance. Added the GE-90 and RB-211-535 powerplants.
[2] EFFECTIVE DATE: 10/30/2012, [3] AMENDMENT #: 13
DATE: 2012.10.29 02:01:19 -05:00

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



Fung, Siu Hung, Quality Manager

OCT 30, 2012

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 approved 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

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



Digitally signed by John C Hyndman, Principal Maintenance Inspector (WP03)
[1] EFFECTIVE DATE: 10/18/2012, [2] AMENDMENT #: 10
DATE: 2012.10.18 12:48:07 -05:00

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



Cheung, Angus, General Manager

16 Nov 2012

Date



MAINTENANCE ORGANISATION APPROVAL CERTIFICATE

Reference: EASA.145.0037

Pursuant to Regulation (EC) N° 216/2008 of the European Parliament and of the Council and to Commission Regulation (EC) N°2042/2003 for the time being in force and subject to the conditions specified below, the Agency hereby certifies:

CHINA AIRCRAFT SERVICES, LTD
81 SOUTH PERIMETER ROAD
HONG KONG INTERNATIONAL AIRPORT
LANTAU, HONG KONG
PEOPLE'S REPUBLIC OF CHINA

as a maintenance organisation in compliance with Section A of Annex II (Part-145) of Regulation (EC) N° 2042/2003, approved to maintain the products, parts and appliances listed in the attached approval schedule and issue related certificates of release to service using the above references.

CONDITIONS:

1. This approval is limited to that specified in the scope of work section of the approved maintenance organisation exposition as referred to in Section A of Annex II (Part-145), and
2. This approval requires compliance with the procedures specified in the approved maintenance organisation exposition, and
3. This approval is valid whilst the approved maintenance organisation remains in compliance with Annex II (Part-145) of Regulation (EC) N° 2042/2003.
4. Subject to compliance with the foregoing conditions, this approval shall remain valid for an unlimited duration unless the approval has previously been surrendered, superseded, suspended or revoked.

Date of original issue: **02 September 2004**

Date of this revision: **25 September 2013**

Revision N°: **04**

Signed:

For the Agency

MAINTENANCE ORGANISATION APPROVAL SCHEDULE

Reference: **EASA.145.0037**
 Organisation: **CHINA AIRCRAFT SERVICES, LTD**
 81 SOUTH PERIMETER ROAD
 HONG KONG INTERNATIONAL AIRPORT
 LANTAU, HONG KONG
 PEOPLE'S REPUBLIC OF CHINA

CLASS	RATING	LIMITATION	BASE	LINE
AIRCRAFT	A1 Aeroplanes above 5700kg	Airbus A319/A320/A321	YES	YES
		Airbus A330	NO	YES
		Airbus A340	NO	YES
		Airbus A380	NO	YES
		Boeing 737- 600/700/800/900	YES	YES
		Boeing 747-200	NO	YES
		Boeing 747-400	NO	YES
		Boeing 767- 200/300	NO	YES
		Boeing 777- 200/300	NO	YES
		Boeing 747-8	NO	YES

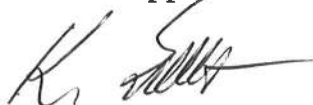
This approval schedule is limited to those products, parts and appliances and to the activities specified in the scope of work section of the approved maintenance organisation exposition,

Maintenance Organisation Exposition reference: **CASL MOE-2**

Date of original issue: **August 2004**

Date of last revision approved: **28 February 2013** Issue N^o. **02** Revision N^o. **05**

Signed:



For the Agency



香港特別行政區政府
民航處

Civil Aviation Department

The Government of the Hong Kong Special Administrative Region

AIR NAVIGATION (HONG KONG) ORDER 1995

APPROVAL

Reference No.: **AI/101/798**

Pursuant to the Air Navigation (Hong Kong) Order 1995 ("the Order") for the time being in force and subject to the conditions annexed hereto, the Director-General of Civil Aviation hereby approves

China Aircraft Services Limited
81 South Perimeter Road
Hong Kong International Airport
Lantau
Hong Kong

- 1) as being competent to issue Certificate of Release to Service under Article 11 of the Order
- 2) as being competent to issue Certificate of Maintenance Review under Article 9 of the Order
- 3) as qualified to issue Certificate of Fitness for Flight under "A Conditions" of Schedule 2 of the Order.

Subject to the conditions annexed hereto, this Approval shall remain valid until its expiry unless it has been surrendered, superseded, suspended or revoked. For the avoidance of doubt, any breach of the said conditions shall render this Approval invalid.

Date of original issue: 3 July 1998

Issue No.: 19

Date of issue: 7 August 2014

Date of expiry: 2 July 2015

Signed

(K. C. MAN)

for Director-General of Civil Aviation

Organisation Name: **China Aircraft Services Limited**

Reference No.: **AI/101/798**

CONDITIONS

1. The holder of this Approval shall issue the certificates in accordance with the relevant provisions provided in the Order.
2. The aforementioned certificates and reports shall only be issued in respect of the products, services and activities as listed in the respective scopes of work in the attached Schedule of Approval and as detailed in the HKAR-145 approved maintenance organisation exposition submitted by the holder of this Approval. The said exposition shall be approved by the Director-General of Civil Aviation before use.
3. The holder of this Approval shall comply with the respective procedures, for issuing the certificates as aforementioned, which are specified in the HKAR-145 approved maintenance organisation exposition.
4. The holder of this Approval, as a HKAR-145 approved maintenance organisation, shall comply with all the rules and regulations laid down in HKAR-145, HKAR-1 and the laws of Hong Kong.

Issue No.:19

SCHEDULE OF APPROVAL

Organisation Name: **China Aircraft Services Limited**

Reference No.: **AI/101/798**

SCOPE OF WORK IN ACCORDANCE WITH HKAR-145

Class	Rating	Limitation	Base	Line
AIRCRAFT	A1 Aeroplanes above 5700 kg	Airbus A300-600 with General Electric (GE) CF6 Series Engines / Pratt and Whitney (P&W) PW4000 Series Engines	-	X
		Airbus A319/A320/A321 Series with International Aero Engines (IAE) V2500 Series Engines / CFM International (CFMI) CFM56 Series Engines	X	X
		Airbus A330 Series with Rolls Royce (RR) Trent 700 / P&W PW4000 Series Engines	-	X
		Airbus A340-200/300 with CFMI CFM56 Series Engines	-	X
		Airbus A340-500/600 with RR Trent 500 Series Engines	-	X
		Boeing 737-300/400/500 with CFMI CFM56 Series Engines	-	X
		Boeing 737-600/700/800/900 with CFMI CFM56 Series Engines	X	X
		Boeing 747-200/300 with RR RB211-524 Series Engines / P&W JT9D Series Engines / GE CF6 Series Engines	-	X
		Boeing 747-400 with RR RB211-524 Series Engines / P&W PW4000 Series Engines / GE CF6 Series Engines	-	X
		Boeing 747-8 with GE GENx Series Engines	-	X
		Boeing 757 Series with RR RB211-535 Series Engines / P&W PW2000 Series Engines	-	X
		Boeing 767-200/300 with P&W JT9D Series Engines / P&W PW4000 Series Engines / GE CF6 Series Engines	-	X
		Boeing 777-200/300 with RR Trent 800 Series Engines / P&W PW4000 Series Engines / GE GE90 Series Engines	-	X
		Boeing MD11 Series with P&W PW4000 Series Engines	-	X
		Boeing MD82 Series with P&W JT8D Series Engines	-	X
		Boeing MD90 Series with IAE V2500 Series Engines	-	X
		Embraer ERJ145 with RR AE3007 Series Engines	-	X
Embraer ERJ190 Series with GE CF34-10E Series Engines	-	X		

Issue No.: 19

Date of issue: 7 August 2014

Date of expiry: 2 July 2015

Signed

for Director-General of Civil Aviation



(K. C. MAN)

Class	Rating	Limitation
ENGINES	B1 Turbine	CFM International CFM56 Series International Aero Engines V2500 Series
COMPONENTS OTHER THAN COMPLETE ENGINES OR APUs		Overhaul, repair, and modification and test of aircraft components, limited to the aircraft types in the A1 Rating above except batteries, as specified in the HKAR 145 approved maintenance organisation exposition and promulgated in the capability list as shown in EPM 01-09-01-QP Appendix B current issue.
	C4 Doors – Hatches	Maintenance per SRM
	C5 Electrical Power	Maintenance per AMM Battery Maintenance per AMM and CMM
	C6 Equipment	Repair, Test, and Modification per CMM / SRM (excluding Overhaul)
	C7 Engine – APU	Maintenance per SRM
	C8 Flight Controls	Maintenance per SRM
	C19 Windows	Maintenance per AMM
	C20 Structural	Maintenance per SRM (excluding Radome Electrical Transmission Efficiency Test)

China Aircraft Services Limited is approved as a HKAR-145 approved maintenance organisation to issue certificates (as referred to in this Approval) in respect of the products, services and activities listed above and detailed in the scope of work section contained in the HKAR-145 approved maintenance organisation exposition.

Issue No.: 19
Date of issue: 7 August 2014
Date of expiry: 2 July 2015

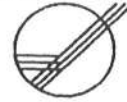
Signed  (K. C. MAN)
for Director-General of Civil Aviation



CAD



CAAC



AACM

联合维修管理

JOINT MAINTENANCE MANAGEMENT

联合维修管理认可编号 JMM Acceptance Number: JMM057

根据中国民用航空局、中国香港特别行政区民航处和中国澳门特别行政区民航局签署的相互认可民用航空器维修单位批准的合作安排，自生效之日起并在符合下述规定条件的情况下，联合维修管理机构授权 HKAR-145 批准的维修单位 Pursuant to the Cooperation Arrangement on Mutual Acceptance of Approval of Aircraft Maintenance Organizations between Civil Aviation Administration of China (CAAC), Civil Aviation Department, Hong Kong, China (CAD) and Civil Aviation Authority - Macao, China (AACM) for the time being in force and subject to the conditions specified below, the Joint Maintenance Management hereby certify HKAR-145 approved maintenance organization:

China Aircraft Services Limited

81, South Perimeter Road, HKIA, Lantau,

Hong Kong

CAD Approval Number: AI/101/798

在中国香港特别行政区民航处的管辖下，作为 CCAR-145 和 MAR-145 认可的航空器和/或航空器零部件维修单位，并使用上述联合维修管理认可编号签发相关的维修放行/返回使用证明 as a CCAR-145 and MAR-145 accepted organization for maintenance of aircraft and/or aircraft components, as appropriate under the regulatory control of Civil Aviation Department, Hong Kong, China and the issue of related certificates of release / return to service under the above JMM Acceptance Number.

规定条件 CONDITIONS:

1. 认可的范围仅限于 1995 年飞航(香港)令批准证书限定的范围 The scope of acceptance is limited to that specified on the Air Navigation (Hong Kong) Order 1995 Approval Certificate.
2. 该认可要求持续符合 HKAR-145 的要求，包括采用 CAD 表一实施零部件的维修放行/返回使用 This acceptance requires continued compliance with HKAR-145, including the use of CAD Form One for release / return to service of components.
3. 维修放行/返回使用的证明必须同时引用上述联合维修管理认可编号和 1995 年飞航(香港)令批准编号 Certificates of release / return to service must quote the JMM Acceptance Number quoted above and the Air Navigation (Hong Kong) Order 1995 Approval Number.
4. 在符合上述规定的情况下，除非认可已经被放弃、取代、暂停或吊销，该认可持续保持有效 Subject to compliance with the foregoing, this acceptance shall remain valid unless the acceptance has previously been surrendered, superseded, suspended or revoked.

签署 Signed

CAD

CAAC

签署日期 Date of issue: 2 Dec., 2007