

CCAR-129

OPERATIONS SPECIFICATIONS

ISSUED TO

SINGAPORE AIRLINES LIMITED

General Administration of Civil Aviation of China

CCAR-129 Operations Specifications

HQ Revision 001

	<u>Amendment Number</u>	<u>Effective Date</u>
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CAAC Operations Specifications

A001. Issuance and Applicability

HQ Control: 11/23/06
HQ Revision: 001

- a. These operations specifications are issued to **Singapore Airlines Limited**, which shall hereafter be referred to as the foreign air carrier. The foreign air carrier's addresses:

**25, Airline House
Airline Road
Singapore 819829**

The foreign air carrier is the holder of the following:

<i>Name of the Certificates OR Permits</i>	This Operations Specifications	Economic permit Issued by CAAC	Foreign Air Carrier State's Operating Certificate or Permit
<i>Number</i>	SIA-F-001-ZN	总局外许【2006】75	No. 1/2008
<i>Period of Validity</i>	NOT USED	01JAN2007~31DEC2009	01JAN2008~31DEC2008

- b. The holder of these operations specifications is hereby authorized to conduct **Scheduled Passenger/Cargo Operations** in the People's Republic of China (PRC) pursuant to Chinese Civil Aviation Regulations (CCAR) Part 129 and any other applicable laws, regulations, and orders of the PRC.
- c. The foreign air carrier shall use the business name as below in its operations in the PRC.

SINGAPORE AIRLINES LIMITED

- d. The foreign air carrier shall conduct each operation within the PRC in accordance with the specific authorizations, limitations, and procedures contained in these operations specifications.
- e. The foreign air carrier shall not use the services of a pilot in command, nor shall any person act as a pilot in command, in any of the following operations under the authority of these operations specifications, if that person has reached his/her 65th birthday:
- (1) Scheduled international air transportation carrying passengers in multi-engine airplanes having MTOW of more than 5,700kg;
 - (2) Nonscheduled international air transportation in multi-engine airplanes having a passenger-seat configuration of more than 30 seats, excluding each crewmember seat; or in multi-engine airplanes having a payload capacity of more than 3,400kg;
 - (3) All cargo international air transportation in multi-engine airplanes having a payload capacity of more than 3,400kg.
- f. Each flight crewmember used by the foreign air carrier shall hold current certificate(s) or license(s), showing that person's ability to perform duties connected with operating that aircraft, for all operations authorized by these operations specifications.

CAAC Operations Specifications

1. Issued by CAAC.
2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **January 11, 2008**. Amendment Number: **006**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

A002. Definitions and Abbreviations

HQ Control: 11/23/06
HQ Revision: 001

The words, phrases, definitions, and abbreviations used in these operations specifications have meanings defined in these paragraphs:

<u>Term or Terms</u>	<u>Definition</u>
<u>Agent For Service</u>	A person designated in writing by the foreign air carrier upon who service of all notices, processes, decisions, and requirements of the CAAC shall be made for and on behalf of the foreign air carrier.
<u>Foreign Air Carrier</u>	For the purpose of these operations specifications, the term “foreign air carrier” in these operations specifications shall mean the holder of the operations specifications described in Paragraph A001, and that the authorizations, limitations, and procedures described in the operations specifications shall apply to the foreign air carrier as well as to any of its officers, employees, or agents used in the conduct of its operation.
<u>Operations Representative</u>	A person designated by the foreign air carrier to whom all contacts regarding these operations specifications and the foreign air carrier’s operations within the PRC shall be addressed for and on behalf of the foreign air carrier.
<u>Refueling Airport</u>	An airport approved as an airport to which flights may be dispatched only for refueling.
<u>Regular Airport</u>	An airport approved under scheduled service to a community as the regular stop to that community.
<u>Special Airports.</u>	Special Airports for the purposes of these operations specifications are airports which the CAAC has determined due to such items as surrounding terrain, obstructions, or complex approach procedures are special airports requiring special airport qualifications.
<u>Wet Lease</u>	Any leasing or other agreement, other than a code-sharing arrangement, in which a lessor such as an air carrier leases an aircraft and at least one flight crewmember to another air carrier (the lessee). A wet lease requires that a written agreement between the lessor and the lessee be executed by authorized officers of the two parties. Either a copy of the lease agreement or a written memorandum of the terms of the lease agreement must be provided to the Administrator.

CAAC Operations Specifications

A003. Aircraft Authorizations

HQ Control: 11/23/06
HQ Revision: 001

The foreign air carrier shall conduct operations under the provisions of CCAR Part 129 using aircraft with the configuration and operations described in the following table, and such aircraft are operated with a current and valid certificate of airworthiness and registration issued by the State of Registry.

Aircraft M/M/S	Serial Number	Registration Number	Configuration	En Route	Condition of Flight	Noise	State of Registry	Special Operations
B747-412	27134	9V-SMS	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	27068	9V-SMU	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	27178	9V-SMW	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26550	9V-SPA	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26551	9V-SPB	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26554	9V-SPE	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	27071	9V-SPF	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26562	9V-SPG	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26555	9V-SPH	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	28022	9V-SPI	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26556	9V-SPJ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	26557	9V-SPL	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	29950	9V-SPM	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	28031	9V-SPN	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	28028	9V-SPO	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	28029	9V-SPP	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B747-412	28025	9V-SPQ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28507	9V-SQA	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28508	9V-SQB	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28509	9V-SQC	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28510	9V-SQD	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28511	9V-SQE	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28512	9V-SQF	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28518	9V-SQG	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28519	9V-SQH	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28530	9V-SQI	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	30875	9V-SQJ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5

CAAC Operations Specifications

Aircraft M/M/S	Serial Number	Registration Number	Configuration	En Route	Condition of Flight	Noise	State of Registry	Special Operations
B777-200	33368	9V-SQK	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	33370	9V-SQL	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	33372	9V-SQM	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	33373	9V-SQN	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28513	9V-SRA	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28998	9V-SRB	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28999	9V-SRC	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28514	9V-SRD	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28523	9V-SRE	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28521	9V-SRF	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28522	9V-SRG	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	30866	9V-SRH	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	30867	9V-SRI	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28527	9V-SRJ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	28529	9V-SRK	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	32334	9V-SRL	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	32320	9V-SRM	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	32318	9V-SRN	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	32321	9V-SRO	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	33369	9V-SRP	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200	33371	9V-SRQ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	28524	9V-SVA	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	28525	9V-SVB	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	28526	9V-SVC	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30869	9V-SVD	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30870	9V-SVE	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30871	9V-SVF	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30872	9V-SVG	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	28532	9V-SVH	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	32316	9V-SVI	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	32335	9V-SVJ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	28520	9V-SVK	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5

CAAC Operations Specifications

Aircraft M/M/S	Serial Number	Registration Number	Configuration	En Route	Condition of Flight	Noise	State of Registry	Special Operations
B777-200ER	32336	9V-SVL	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30874	9V-SVM	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30873	9V-SVN	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-200ER	30833	9V-SVO	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	28515	9V-SYA	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	28516	9V-SYB	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	28517	9V-SYC	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	28534	9V-SYD	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	28531	9V-SYE	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	30868	9V-SYF	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	28528	9V-SYG	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	32317	9V-SYH	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	32327	9V-SYI	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	33374	9V-SYJ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	33375	9V-SYK	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300	33376	9V-SYL	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34568	9V-SWA	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	33377	9V-SWB	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34569	9V-SWD	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34570	9V-SWE	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34571	9V-SWF	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34572	9V-SWG	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34573	9V-SWH	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34574	9V-SWI	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34575	9V-SWJ	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34576	9V-SWK	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34577	9V-SWL	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34578	9V-SWM	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34579	9V-SWN	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34580	9V-SWO	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5
B777-300ER	34581	9V-SWP	Passenger & Cargo	IFR	Day/Night	STAGE III	Singapore	RVSM/RNP-5

CAAC Operations Specifications

1. Issued by CAAC.
2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **May 7, 2008**.

Amendment Number: **005**

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

Date:

CAAC Operations Specifications

A005. Exemptions and Deviations

**HQ Control
HQ Revision**

**11/23/06
001**

The foreign air carrier shall conduct operations in accordance with the provisions, conditions, and/or limitations set forth in the following exemptions and deviations issued in accordance with CCAR and Annex 6 to International Civil Aviation Convention. The foreign air carrier shall not conduct any operations under the provisions of any other exemptions and/or deviations.

a. Exemptions.

Applicable CCAR or Annex 6 Section	Remarks and/or References
N/A	

b. Deviations.

Applicable CCAR or Annex 6 Section	Remarks and/or References
N/A	

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Date:

CAAC Operations Specifications

A006. Foreign Air Carrier Personnel

HQ Control: 11/23/06
HQ Revision: 001

- a. Operations Representative. The following person is designated as the foreign air carrier's primary representative for all contacts regarding these operations specifications and foreign air transportation operations within the PRC.

Name: Mr. Victor Yeoh Yew Choong
Address: SIA Training Centre 04-C, 720 Uppper Changi Road East
Singapore 486852
Title: Manager Flight Operations Technical (Services)
Telephone Number: +65-65403406
Telex: SINONSQ
Facsimile: +65-65429564
Email Address: Victor_yeoh@singaporeair.com.sg
Website:

- b. State Civil Aviation Authority or State Government Official. The following person (or office) is the State Civil Aviation Authority or State Government Official (or office) that is cognizant of the Foreign Air Carrier's State civil aviation authorization and requirements to conduct foreign air transportation operations to, from, or within the PRC.

Name: Capt. Michael Hoh
Address: Civil Aviation Authority Of Singapore
Airworthiness/Flight Operations Division
PO Box 1 Singapore Changi Airport
Singapore 918418
Title: Flight Operations Inspector
Telephone Number: (65) 6541-2493
Telex:
Facsimile: (65) 6545-6519
Internet Address: Michael_hoh@caas.gov.sg

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **September 27, 2007.** Amendment Number: **005**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

A007. Other Designated Persons

**HQ Control
HQ Revision**

**11/23/06
001**

a. The following person is designated as the foreign air carrier Agent for Service:

Name: Ho Yik Wing
Address: 8th Floor, China World Tower 2
No.1 JianGuoMenWai Avenue
Beijing 100004 China
中国北京市东城区建国门外大街1号
国贸大厦2栋8层 邮编100004
Title: General Manager China
Telephone Number: +86-10-65053133
Telex:
SITA: (SITA) BJSZQSQ
Facsimile: +86-10-65055244
Email Address: Ho_Yikwing@singaporeair.com.sg

b. The following personnel are designated to officially apply for and receive operations specifications for the foreign air carrier as indicated below.

Title	Name	Paragraphs Authorized
General Manager China	Mr. Ho Yik Wing	ALL
Maintenance Manager	Mr. Tan Kok Meng	ALL
Manager Flight Operations Technical (Services)	Mr. Victor Yeoh Yew Choong	ALL

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1. Issued by CAAC.
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3. This paragraph is effective from **September 27, 2007**. Amendment Number: **004**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

A008. Operational Control

HQ Control: 11/23/06
HQ Revision: 001

The system described or referenced in this paragraph is used by the foreign air carrier to provide operational control of flight operations within the PRC. (Dispatch organization or method of flight supervision.)

Note: For airplanes, the method of control or supervision required by ICAO Annex 6, Part I, Paragraph 4.2.1.3 must be contained in the manual required by ICAO Annex 6, Part I, Paragraph 4.2.2 that has been accepted or approved by the foreign air carrier's state civil aviation authority.

Refer to SIA Flight Administration Manual 2.1 Flight Control Centre.

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3. This paragraph is effective from **January 30, 2007**. Amendment Number: **001**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

A009. Airport Aeronautical Data

HQ Control: 11/23/06
HQ Revision: 001

The system described or referenced in this paragraph is used by the foreign air carrier to obtain, maintain, and distribute current aeronautical data for the airports it uses within the PRC.

Note: For airplanes, the system is contained in the manual required by ICAO Annex 6, Part I, Paragraph 4.2.2 and has been accepted or approved by the foreign air carrier's state civil aviation authority.

- 1. Jeppesen Manuals**
- 2. AIRAC updates of FMC databases from appropriate vendors.**

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3. This paragraph is effective from **January 30, 2007**. Amendment Number: **001**
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Date:

CAAC Operations Specifications

A010. Aeronautical Weather Data

HQ Control: 11/23/06
HQ Revision: 001

The system described or referenced in this paragraph is used by the foreign air carrier to obtain and disseminate aeronautical weather data for the control of flight operations within the PRC.

Note: In accordance with ICAO Annex 6, Part I, Paragraph 4.3.5, the system is contained in the manual required by ICAO Annex 6, Paragraph 4.2.2 and has been accepted or approved by the foreign air carrier's state civil aviation authority.

- a) **Weather reports and forecasts from Singapore Met Office (certified by CAA Singapore)**
- b) **Upper Air data from Singapore Met Office (originated from Bracknell)**

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3. This paragraph is effective from **January 30, 2007**. Amendment Number: **001**
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Date:

CAAC Operations Specifications

A023. Procedure for Determining Operations During Ground Icing Conditions

HQ Control: 11/23/06
HQ Revision: 001

The system described or referenced in this paragraph is used by the foreign air carrier to determine operations during ground icing conditions within the PRC.

Note: In accordance with the requirements of ICAO Annex 6, Part I, Paragraph 4.3.5.4, the system is contained in the manual required by ICAO Annex 6, Part I, Paragraph 4.2.2 and has been accepted or approved by the foreign air carrier's state civil aviation authority.

Manual reference for de-icing/anti-icing: QC/DAM/20/2003 – approved by CAA Singapore

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3. This paragraph is effective from **January 30, 2007**. Amendment Number: **001**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

A028. Aircraft Wet Lease Arrangements

HQ Control: 11/23/06
HQ Revision: 001

- a. When the holder of these operations specifications has operational control: The foreign air carrier shall conduct operations with the aircraft in accordance with the wet lease agreements identified in the following table. All operations conducted under the wet lease agreements shall be conducted in accordance with the authorizations, limitations, and provisions of these operations specifications and the terms and conditions of the appropriate wet lease agreement. The foreign air carrier shall at all times be responsible for and maintain the operational control and airworthiness of the aircraft identified in the lease agreements. The nationality and registration numbers of the aircraft to be used in the wet lease agreement shall be identified in Paragraph A003 of these operations specifications. Except as provided in subparagraph b. below the foreign air carrier shall not conduct, nor be a party to, operations under these operations specifications with aircraft under any other wet lease agreement.

Names of the Parties to the Wet Lease Agreement(s)		Aircraft Registration Number	Aircraft Serial Number	Date Lease Executed	Date Lease Expires
Lessor	Lessee				
N/A					

- b. When the holder of these operations specifications does not have operational control: For the purpose of this subparagraph, the other party to the wet lease agreement has operational control. The other party shall at all times be responsible for and maintain the operational control and airworthiness of the referenced aircraft for each wet lease agreement identified in the aircraft list in the table below. The foreign air carrier does not have operational control of any operation conducted by the other party under this subparagraph. The foreign air carrier is authorized to exercise the wet lease agreements identified in the following table. Except as provided in subparagraph a. above the foreign air carrier shall not conduct, nor be a party to, operations under these operations specifications with aircraft under any other wet lease agreement.

Names of the Parties to the Wet Lease Agreement(s)		Aircraft Registration Number	Aircraft Serial Number	Date Lease Executed	Date Lease Expires
Lessor	Lessee				
N/A					

CAAC Operations Specifications

1. Issued by CAAC.
2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from

Amendment Number: **000**

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

Date:

CAAC Operations Specifications

A039. Summary of Required Reports

HQ Control: 11/23/06
HQ Revision: 001

a. Reports. The following must be provided to the CAAC's Regional Administration Office listed in subparagraph b below on a continuing basis and in a manner and form acceptable to CAAC to maintain currency of information:

- (1) Ownership information and any changes thereto,
- (2) Physical, mailing and E-mail address, and telephone, fax, and other appropriate contact numbers at the principal operations and maintenance locations in the State of the Operator and the PRC identified in these operations specifications and any changes thereto,
- (3) Carrier Management personnel identified in these operations specifications and any changes thereto,
- (4) For scheduled flights, the schedule and frequency of flights and any changes to those schedules and frequencies, when requested,
- (5) Prior notification of non-scheduled flights to the PRC - This notification is required for any non-scheduled flights to the PRC unless those flights are conducted to airports **listed as a regular airport** in paragraph C070 (Airports Authorized for Scheduled Operations) if issued. Notification shall be by the method listed below.

Non-scheduled / Charter Flight Notification Method
<p>The foreign air carrier will notify the POI in the Foreign Airlines Surveillance Office of Central and Southern Regional Administration of CAAC.</p> <p>The notification should include the following information:</p> <ol style="list-style-type: none">1. The dates of the intended flights.2. List of aircrafts to be used.3. The destination airports and the alternate airports to be used.4. The names and contact information of the ground service providers at each airport.5. The necessary aircraft performance data for the airports and the necessary navigational documents for the route of flight and appropriate airports. Except those data has been submitted before.

- (6) Prior notification of the operations and maintenance liaison persons and contractors at any Chinese airport to be served on a scheduled basis,
- (7) Wet lease operations conducted by the foreign air carrier to, from, or within the PRC on behalf of other carriers, and
- (8) The airmen crew list when requested.

b. CAAC's Regional Administration Office Contact Information is listed below:

Print Date: May 7, 2008

A039-1
SINGAPORE AIRLINES LIMITED

NO.: SIA-F-001-ZN

CAAC Operations Specifications

Principal Operations Inspector	Phone Number	Fax Number	E-mail Address	Mailing Address
齐纲 Capt. Qi Gang	+86-20-86134410	+86-20-86135045	captainqigang@yahoo.com.cn	中国广东省广州市白云区云霄路163号 民航中南地区管理局 外国航空公司监管处 邮编: 510403 Foreign Airlines Surveillance Division Central & Southern Regional Administration of CAAC No. 163 Yunxiao Street, Guangzhou City, Guangdong Province, P.R.China 510403

Principal Airworthiness Inspector	Phone Number	Fax Number	E-mail Address	Mailing Address
祝海鹰 Mr. Zhu Haiying	+86-20-86134405	+86-20-86135045	zhuyah2004@yahoo.com.cn	中国广东省广州市白云区云霄路163号 民航中南地区管理局 外国航空公司监管处 邮编: 510403 Foreign Airlines Surveillance Division Central & Southern Regional Administration of CAAC No. 163 Yunxiao Street, Guangzhou City, Guangdong Province, P.R.China 510403

1. Issued by CAAC.
2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **January 30, 2007**.
4. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: **002**

Date:

CAAC Operations Specifications

B050. Authorized Areas of En Route Operations, Limitations, and Provisions

HQ Control: 11/23/06
HQ Revision: 001

- a. The foreign air carrier shall conduct en route operations in the areas of en route operation specified in this paragraph. The foreign air carrier shall conduct all en route operations in accordance with the provisions of the paragraphs referenced for each area of en route operation. The foreign air carrier shall not conduct any en route operation under these operations specifications unless those operations are conducted within the areas of en route operation as described by this paragraph.

Authorized Areas of En Route Operation	Note Reference #
As per approvals by Air Traffic Management Bureau of CAAC	1

- b. The foreign air carrier shall conduct all en route operations in accordance with the following limitations, provisions, and special requirements referenced numerically for each area of en route operation listed in subparagraph a. above.

Note Reference #	Limitations, Provisions, and Special Requirements
1	Including RVSM Operation

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **October 11, 2007**. Amendment Number: **002**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

**C052. Basic Instrument Approach Procedure Authorizations -
All Airports**

**HQ Control: 11/23/06
HQ Revision: 001**

The foreign air carrier is authorized to conduct the following types of instrument approach procedures and shall not conduct any other types.

Instrument Approach Procedures (Other Than ILS) Nonprecision Approaches Without Vertical Guidance	Precision Approach Procedures (ILS)
VOR	ILS
VOR/DME	ILS/DME
NDB	
NDB/DME	
LOC	
LOC/DME	

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **January 30, 2007**. Amendment Number: **001**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

C059. Category II Instrument Approach and Landing Operations

HQ Control: 11/23/06
HQ Revision: 001

A foreign air carrier shall use the CAT II minimums specified in the Aeronautical Information Publication of the People's Republic of China (abbreviated as AIP China) or those specified by the State of the Operator, whichever are the most restrictive.

The foreign air carrier shall conduct CAT II instrument approach and landing operations to the airports and runways outlined in subparagraph b, provided that:

- a. The foreign air carrier is authorized by the State of the Operator to conduct Category II instrument approach and landing operations, and a copy of that authorization with the approved Category II approach minimums is provided to the CAAC.
- b. Authorized Category II Airports and Runways. The foreign air carrier is authorized Category II operations at the following airports and runways approved for Category II operations by CAAC:

Airport Name/Identifier	Runways	Special Limitations
Beijing Capital International Airport, ZBAA	36R	NONE
Shanghai Pudong International Airport, ZSPD	17 & 35	NONE

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **January 30, 2007**. Amendment Number: **001**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

C060. Category III Instrument Approach and Landing Operations

HQ Control: 11/23/06
HQ Revision: 001

The foreign air carrier is authorized to use the Category III (CAT III) landing minimums for the aircraft listed in Table 1, at the authorized airports and runways listed in Table 2. The foreign air carrier must use the procedures, special limitations, and minimums specified in this paragraph and shall conduct no other CAT III operations contrary to AIP China.

Table 1

CAT III Approach and Landing Minimums						
Airplane M/M/S	Type of Landing System	Type of Rollout Control System*	DH/AH	Lowest RVR	Field Length Factor	Special Operational Equipment and Limitations
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 2

Airports Name/Identifier	Runways	Special Limitations
N/A	N/A	N/A
N/A	N/A	N/A

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-
1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from Amendment Number: **000**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date: _____

CAAC Operations Specifications

C067. Special Airport Authorizations, Provisions, and Limitations

HQ Control: 11/23/06
HQ Revision: 001

The foreign air carrier may, under these operations specifications, conduct operations at the following Chinese special airports. The foreign air carrier shall conduct all operations at these airports in accordance with the provisions and limitations specified in this paragraph for each airport.

Airport Location/Identifier	Provisions and Limitations
N/A	

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-
1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from Amendment Number: **000**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

C070. Airports Authorized for Scheduled Operations

HQ Control: 11/23/06
HQ Revision: 001

- a. The foreign air carrier may conduct scheduled passenger and cargo operations between the airports specified in the following table for operations in China.
- b. The following definitions shall apply:

Regular Airport. An airport approved under scheduled service to a community as the regular stop to that community.

Refueling Airport. An airport approved as an airport to which flights may be dispatched only for refueling.

Alternate Airport. An airport at which an aircraft may land, when a landing at the intended airport becomes inadvisable.

R = Regular, F = Refueling, A = Alternate

The complete **Airports Authorized for Scheduled Operations** table begins on the next page.

CAAC Operations Specifications

Airports Authorized for Scheduled Operations

Airport Name	ICAO Code	IATA Code	AIRCRAFTS AUTHORIZED								
			B777-200/200ER	B777-300/300ER	B747-400						
Beijing Capital International Airport	ZBAA	PEK	R	R	R						
Dalian Zhoushuizi International Airport	ZYTL	DLC	A	A	A						
Guangzhou Baiyun International Airport	ZGGG	CAN	R	R	R						
Nanjing Lukou International Airport	ZSNJ	NKG	R	R	R						
Shanghai Pudong International Airport	ZSPD	PVG	R	R	R						
Shanghai Hongqiao International Airport	ZSSS	SHA	A	A	A						
Shenyang Taoxian International Airport	ZYTX	SHE	A	A	A						
Shenzhen Bao'an International Airport	ZGSZ	SZX	A	A	A						
Tianjin Binhai International Airport	ZBTJ	TSN	A	A	A						
Xiamen Gaoqi International Airport	ZSAM	XMN	A	A	A						

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **September 27, 2007**.
4. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: **003**

Date:

CAAC Operations Specifications

C071. Airports Authorized for Nonscheduled Operations

HQ Control: 11/23/06
HQ Revision: 001

- a. The foreign air carrier may conduct nonscheduled passenger and cargo operations between the airports specified in the following table for operations in China.
- b. The following definitions shall apply:

Regular Airport. An airport approved under scheduled service to a community as the regular stop to that community.

Refueling Airport. An airport approved as an airport to which flights may be dispatched only for refueling.

Alternate Airport. An airport at which an aircraft may land, when a landing at the intended airport becomes inadvisable.

R = Regular, F = Refueling, A = Alternate

The complete **Airports Authorized for Nonscheduled Operations** table begins on the next page.

CAAC Operations Specifications

Airports Authorized for Nonscheduled/Charter Operations

Airport Name, IDENT	AIRCRAFTS AUTHORIZED									
	B-747-400									
N/A	R									
XXXXXXX, XXX	A F									

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from
4. I hereby accept and receive the Operations Specifications in this paragraph.

Amendment Number: **000**

Date:

CAAC Operations Specifications

C083. City Pairs Authorized

HQ Control: 11/23/06
HQ Revision: 001

The foreign air carrier shall only conduct **scheduled operations** to and from the PRC between the specific cities pairs listed in this paragraph.

Chinese City	Foreign Country City
BEIJING(ZBBB)	SINGAPORE(WSSS)
SHANGHAI(ZSSA)	SINGAPORE(WSSS)
NANJING(ZSNJ)	SINGAPORE(WSSS)
GUANGZHOU(ZGUA)	SINGAPORE(WSSS)

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1. Issued by CAAC.
 2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **February 14, 2007**. Amendment Number: **002**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:

CAAC Operations Specifications

F101. Permission for the transport of dangerous goods by air

HQ Control: 11/23/06
HQ Revision: 001

This paragraph certifies the foreign air carrier is permitted to conduct the transport of dangerous goods by air in accordance with relevant requirements of CCAR-276, ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc. 9284) and other governmental legal and regulations subject to the following conditions:

- a. All dangerous goods are to be carried in aircraft in accordance with the provisions of the CCAR-276 and the current edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc. 9284);
- c. The air carrier may carry the following categories of dangerous goods by air:

Class 1-Explosives;

Class 2-Gases;

Class 3-Flammable Liquids;

Class 4-Flammable Solids; Substances Liable to Spontaneous Combustion; Substances Which, in Contact with Water, Emit Flammable Gases;

Class 5-Oxidizing Substances and Organic Peroxide;

Class 6-Toxic and Infectious Substances;

Class 7-Radioactive Material;

Class 8-Corrosives;

Class 9-Miscellaneous Dangerous Goods.

- c. The foreign air carrier may conduct the transport of dangerous goods by air at the following airports:

NO.	Name of airport	Airport Code	Name of the Contracted Third Party for Ground Handling
1.	Shanghai Pudong International Airport	ZSPD	China Eastern Airlines Co., Ltd (PAX) Shanghai Eastern Logistics Co., Ltd (CARGO)
2.	Beijing Capital International Airport	ZBAA	Beijing Aviation Ground Services Co., Ltd.
3.	Nanjing Lukou International Airport	ZSNJ	Nanjing Airport Development Co., Ltd. (PAX) Nanjing Lukou International Airport Cargo Terminal (CARGO)
4.	Guangzhou Baiyun International Airport	ZGGG	China Southern Airlines Company Limited

- d. The activities of air transport of dangerous goods conducted by the foreign air carrier and its ground handling agents are subject to inspection by CAAC inspectors.
- e. This permission, unless waived, suspended, or revoked, shall be expired by **Sep 30, 2008.**
- f. Other special requirements, when applied:
The foreign air carrier may NOT transport any dangerous goods by air at Guangzhou Baiyun International Airport, except DRY ICE (UN 1845).

CAAC Operations Specifications

1. Issued by CAAC.
2. These Operations Specifications are approved by direction of the Minister of CAAC.

3. This paragraph is effective from **September 14, 2007**. Amendment Number: **004**
4. I hereby accept and receive the Operations Specifications in this paragraph.

Date:
