



ICAO Carbon Emissions Calculator Methodology

Version 8

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1 Introduction

This document presents a general methodology developed for estimating the amount of carbon emissions (CO_2) generated by a passenger in a flight, for use in carbon offsetting programmes.

It provides information on the methodological approach and details the assumptions underlying the generic factors employed by the ICAO Carbon Emissions calculator. The methodology is provided in an open source format facilitating individual air carriers that may wish to customize it with their own data.

The document includes a general description of the method adopted by ICAO in order to estimate the CO_2 emissions of a flight (Item 2); the detailed calculation process implemented by the ICAO Calculator (Item 3); a description and analysis of the data inputs used (Item 4); a demonstration of the data coverage and sensitivity (Items 5 and 6); and the steps needed to be taken by a company wishing to customize the calculator with its own data set (Item 7).

2 Methodological Approach

The ICAO methodology employs a distance-based approach to estimate an individual's aviation emissions using data currently available on a range of aircraft types. In order to implement this methodology, ICAO uses the best publicly available data regarding fuel consumption and it is committed to continuously monitor and seek improvements in the data used, in order to obtain better emissions estimation.

The ICAO methodology has been designed to require a minimum amount of input information from the user regarding the particulars of the flight concerned. It employs industry averages for the various factors which contribute to the calculation of the emissions associated with the individual passenger's air travel. As passengers' aviation emissions are affected by continuously changing variables specific to each flight, it is necessary to develop average factors to account for the effect of these flight parameters. While these factors cannot be captured on a flight-specific basis, this methodology considers them for the purpose of developing a more robust estimation of flight emissions and educating the public and the industry as to how these factors affect an individual passengers' emission intensity.

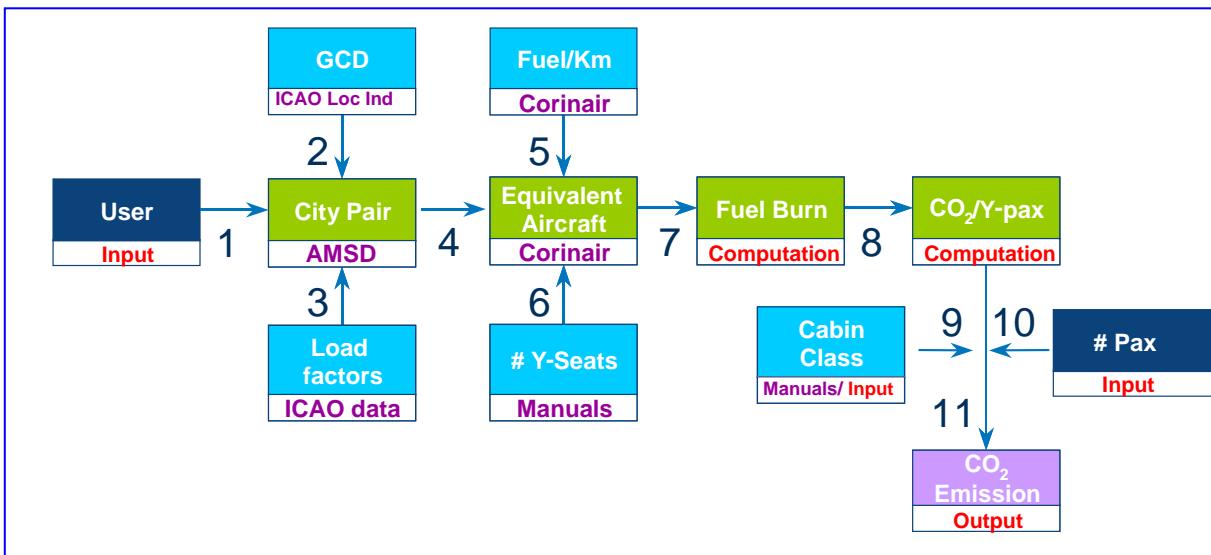
2.1 General Description of the Methodology

The ICAO Carbon Emission Calculator requires that the user input the airports of origin and destination for a direct through flight (i.e. a flight which does not have a change of the flight number). This is then compared with the published scheduled flights to obtain the aircraft types used to serve the two airports concerned and the number of departures per aircraft. Each aircraft is then mapped into one of the fifty equivalent aircraft types in order to calculate the fuel consumption for the trip based on the great circle distance between the airports involved in the journey. The passenger load factors, and passenger to cargo ratios, obtained from traffic and operational data collected by ICAO, are then applied to obtain the proportion of total fuel used which can be attributed to the passengers carried. The system then calculates the average fuel consumption for the

journey weighted by the frequency of departure of each equivalent aircraft type. This is then divided by the total number of economy class equivalent passengers, giving an average fuel burn per economy class passenger. The result is then multiplied by 3.16 in order to obtain the amount of CO₂ footprint attributed to each passenger travelling between those two airports.

3 Calculation Procedure

ICAO used this methodology to develop a Carbon Emissions Calculator using a database constructed from several data sources. From the diagram below, we identify the following information used as input to the calculator:



City Pair: Obtained from the airlines multilateral schedules database (AMSD). The flight schedule data are based on the latest available information and are updated annually.

GCD (Great Circle Distance): The distance between origin and destination airports is derived from latitude and longitude coordinates originally obtained from ICAO Location Indicators database.

Load Factors: The average generic factors considered for the purpose of this calculation are sourced from the Traffic by Flight Stage database (TFS) which collects air carrier city-pair specific traffic data by aircraft type produced on an annual basis, and domestic traffic and operational data, both collected by ICAO, as well as data based on the flight schedules published by the air carriers.

Fuel/Km: This information, per equivalent aircraft model, is obtained from the CORINAIR database, and expanded by ICAO to reflect the fuel consumption of regional jets.

Y-seats: This is the number of economy seats that can be fit inside the equivalent aircraft. ICAO made use of a standard cabin layout (in terms of location of galleys, toilets and exits) for each reference aircraft. This fixed space was then fitted with an all-economy seating using a pitch of about 31/32 inches (79/81 cm). This seating configuration was then compared with a mixed configuration involving business and/or first class row/seat combinations where, for the large wide bodied aircraft, business class seats have a 38 inch pitch, and those in first class have a 60 inch pitch. Examples of these layouts were obtained from the Manual on Airplane Characteristics for Airport Planning published on the Web by the aircraft manufacturers.

In simple terms, the general methodology used by the ICAO calculator can be described with the following steps, with references to the diagram above:

User input (1) – The user enters the origin and destination airports. The database is searched for all flights, direct or non-direct, serving that city-pair. However, the tool does not compute total emissions for journeys with different flight numbers (connecting flights). To do this, the user can choose to build a total by calculating each of the journey legs separately and adding them up.

Code share flights are treated as a single flight. This avoids a possible double counting of flight departures that would otherwise affect the calculations.

The origin and destination database includes individual routings for single flight numbers with multiple stops. Hence the passenger does not need to know, nor input the full itinerary of the flight.

Trip distance (2) – The ICAO Location Indicators database contains the longitude and latitude coordinates for the airports. From these coordinates the Great Circle Distance (GCD)¹ is then calculated and corrected by a factor depending on the distance between the two airports concerned (see section 4.2).

Traffic data (3) – A passenger load factor is assigned to the user-defined city-pair, based on the passenger load factor for the corresponding route groups. Load factor information is obtained from the database, based on 17 international route groups plus 5 domestic areas (see **Appendix A**).

Aircraft mapping (4) – From the scheduled flights database, the scheduled aircraft is identified and linked to the aircraft fuel consumption database EMEP/CORINAIR. When the scheduled aircraft is not in the database, the aircraft is mapped into one of the fifty equivalent aircraft types existing in the aircraft fuel consumption database. **Appendix B** provides details of how this mapping was done. This allows estimation of the total fuel use on each route serving the user-defined city-pair.

Fuel burn data (5) – The fuel burn to flight distance relationship is extrapolated from the Emissions Inventory Guidebook (EIG) prepared by EMEP/CORINAIR. The factors considered include passenger load factor, flight distance, the proportion of the overall payload represented by passenger traffic, cabin class flown, and type of equivalent aircraft

¹ The Great Circle Distance it is the shortest path between two points on the surface of a sphere

flown. The amount of fuel used on a route is the weighted average of total fuel burnt based on the frequencies of the scheduled aircraft types flown.

Economy Class (Y) seat capacity (6) – From cabin floor plans obtained from the “Manual on Airplane Characteristics for Airport Planning”, which is developed by manufacturers to provide necessary data to airport operators and airlines for airport facilities planning, the maximum number of Y-seats that can be fitted per equivalent aircraft is determined. This “virtual” all economy configuration later allows the computation of cabin class factors (steps 9 & 10).

CO₂ per economy passenger (7 and 8) – Using the trip distance, equivalent aircraft fuel consumption, passenger to seat load factor and passenger to freight load factor for the route group, and the number of Y-seats, the methodology calculates the CO₂ associated to each passenger, as follows:

$$\text{CO}_2 \text{ per pax} = 3.16 * (\text{total fuel} * \text{pax-to-freight factor}) / (\text{number of y-seats} * \text{pax load factor})$$

Where:

Total fuel = The weighted average of the fuel used by all flights departed from the origin airport in order to reach the destination airport. The weighting factor is the ratio of number of departures for each equivalent aircraft type, to the total number of departures.

Pax-to-freight factor = is the ratio calculated from ICAO statistical database based on the number of passengers and the tonnage of mail and freight, transported in a given route group.

Number of Y-seats = the total number of economy equivalent seats available on all flights serving the given city pair.

Pax load factor = the ratio calculated from ICAO statistical database based on number of passengers transported and the number of seats available in a given route group.

3.16 = constant representing the number of tonnes of CO₂ produced by *burning* a tonne of aviation fuel.

Cabin class (9 and 10) – Depending on user selection, a multiplicative cabin class factor is applied to adjust the CO₂ per Y-passenger, on those routes where multiple class passenger services are available.

Passenger CO₂ output (11) – The estimated quantity for the carbon emission.

4 Data Sources

This methodology seeks to distribute the emissions between the passengers travelling in different cabin classes, and between passengers and cargo, in an equitable manner. This section details how the various contributing factors come together to accomplish this result.

4.1 Fuel Data

In keeping with the latest recommendations of the IPCC contained in the 2006 IPCC Guidelines for National Greenhouse Gas Inventories, a modified Tier 3A method is used which is based on actual movement data. The 2006 Guidelines suggest the EMEP/CORINAIR Emission Inventory Guidebook² (EIG) as the base of commercial aviation fuel burn and emission information. The Guidebook includes an accompanying workbook which details fuel burn and emissions associated with discrete mission distances for 44 equivalent aircraft types. CORINAIR fuel database uses modelled data derived from the aircraft performance model PIANO³. It uses equivalent aircraft types and, due to the age of the study, lacks fuel data for the more recent aircraft types and their derivatives.

In order to implement the methodology, the database used by ICAO takes the fuel burn to distance flown data provided by CORINAIR and extends some aircraft ranges by extrapolation using a linear regression. This approach was chosen since the fuel consumption curve approaches a linear relationship to distance when considering medium and long haul flights. ICAO also expanded the data by adding fuel burn information, provided by the manufacturers, for 6 regional jets.

While the main objective of CORINAIR is to support the development of National GHG Inventories, this methodology seeks to allocate a proportion of emissions associated with a given equivalent aircraft type operating between given city pairs to individual passengers. In this context, it is considered appropriate to use CORINAIR data as long as the CO₂ calculation is performed on an average fleet basis per city pair and not on an individual aircraft basis, and noting that in many cases the calculation is near ±10%. This variation in data is largely due to the aircraft models currently included in CORINAIR and mapping these aircraft to the actual operating aircraft models not included in CORINAIR⁴.

While it is well known that most air carriers have detailed information in regards to their fuel consumption and fuel efficiency, this information is not publicly available. At present, it was not possible to identify any suitable public alternative data source, making CORINAIR the best publicly available data source for the purpose of the ICAO methodology.

The dataset obtained from the modified CORINAIR, listing the 50 equivalent aircraft data, is included in **Appendix C** of this document.

² EMEP/CORINAIR Emission Inventory Guidebook (<http://reports.eea.europa.eu/EMEP-CORINAIR4/en/page002.html>)

³ <http://www.lissys.demon.co.uk/>.

⁴ For example, to model a B737, CORINAIR contains two choices of older models, the B737-100 and B737-400. For some city pairs this may adequately model the specific aircraft servicing the city pair. However, on other city pair routes that operate mainly newer more fuel-efficient B737 models (B737-600/700/800/900) CORINAIR would overestimate the fuel burn and CO₂ production

4.2 Trip distance

The methodology proposes the use of the Great Circle Distance (GCD) between the input airports, in order to get the fuel used, and thus estimate the CO₂ emissions.

GCD is by definition the shortest distance between two points on the surface of a sphere. This distance can be calculated by using the geographical coordinates of the two points concerned. The coordinates for the airports involved are obtained from the ICAO Location Indicators database. Once the GCD is calculated, it is then corrected by a factor depending on the distance between the two airports concerned.

The correction factor is needed in order to include the emissions of distance flown in excess of the GCD, stacking, traffic and weather-driven corrections. According to EIG, the actual distance flown compared with GCD that is given in the scheduled flights timetable may vary up to 11% in Europe (ANCAT/EC2 1998).

Stopovers, connecting flights and refuelling stops impact on the overall flight distance as they divert from the straight line representing the GCD. The implementation of the ICAO methodology, carried by ICAO to calculate the trip distance takes into account the additional mileage resulting from stopovers and refuelling stops associated with a sequence of flights identified by a single flight number. However, for a sequence of flights with different flight numbers (connecting flights) the trip distance is calculated separately for each individual flight segment.

The table below shows the GCD correction factor used.

GCD	Correction to GCD
Less than 550 Km	+ 50 Km
Between 550 Km and 5500 Km	+ 100 Km
Above 5500 Km	+ 125 Km

4.3 Aircraft type

The CO₂ emission is calculated from the fuel burned by the aircrafts serving a given route. The scheduled aircraft is identified from the scheduled flights database, and mapped into one of the fifty equivalent aircraft types existing in the aircraft fuel consumption database (**Appendix C** provides details of how this mapping was done). The aircraft types, that cannot be mapped, are excluded from the calculations. Leaving out aircraft types or variants that are not in the database would at present only have a minor influence on the final result.

4.4 Passenger Load Factors and Passenger to Cargo Factor

As this methodology is intended to assess the passenger's aviation emissions it is necessary to deduct the flight emissions associated with the freight and mail carried on the flight from the total. This calculation will be performed on a revenue mass basis using historic freight and mail numbers specific to the city-pair being considered.

The data are sourced from the ICAO TFS dataset which contains totals of number of seats and passengers, tonnes of freight, and tonnes of mail carried. In order to develop an average freight allocation an average passenger mass with baggage is assumed as 100 Kg, plus a 50 Kg add-on to account of the onboard equipment and infrastructure associated with passenger use (for example, the weight of seats, toilets, galleys and crew). The total mass is then established as:

$$[((\text{No. Passengers} * 100\text{Kg}) + (\text{No. of seats} * 50 \text{ Kg})) / 1000] \text{ (tonnes)} + \text{Freight (tonnes)} + \text{Mail (tonnes)}$$

Based on the historical traffic data it is then possible to establish the proportion of freight and mail mass in relation to the total mass calculated by the formula above. The resulting proportion is the fraction of the flight emissions for which the passengers should not be held accountable for. The TFS data is updated annually by ICAO for each one of the 17 international route groups (see [Appendix A](#)).

4.5 Cabin class

The cabin class correction factor is used only on equivalent aircraft types that support such differentiation, and on flights of more than 3,000 Km. It is based on the principle that premium seats occupy a larger space than that of an economy seat; therefore the same cabin configured with premium seat arrangements carries fewer passengers than an all-economy layout.

In order to define the cabin class correction factor, each representative aircraft has been assigned a standard all-economy class layout so that the reduced capacity resulting from the larger space occupied by premium seating and the associated increase in per-passenger emissions is accounted for. This cabin class correction factor is based on the principle that premium seats occupy a larger footprint than that of an economy seat; therefore the same cabin configured with premium seat arrangements carries fewer passengers than an all-economy layout. While it is not possible to account for all possible configurations of a given aircraft the cabin class correction factor serves to educate the user as to the environmental effect of their travel decisions. For this reason generic cabin class factors have been estimated.

The methodology employs a simplified approach by using two cabin class factors (“economy” and “premium”) when allocating emissions to passengers, with a ratio of 1:2.

5 Discussion of Sensitivities

In any modelling exercise the desire for accuracy is moderated by the level of complexity the analyst is willing to accommodate. In the case of the ICAO methodology, an attempt has been made to account for the principal factors which define an individual’s aviation carbon emission footprint while assessing each at a level which recognizes the inherent uncertainty underlying many of the assumptions embedded in this approach.

Great Circle Distance – while it is understood that air travel does not occur in a straight line between two points, actual flown distance to be collected from the air carriers, or

from a more accurate trip distance database showed to be not feasible for the time being.

Representative Aircraft – as aircraft typically share similar performance characteristics, if designed for similar operation, the adoption of a representative aircraft approach is both necessary and reasonable given the level of detail available. It is recognized that the CORINAIR data lacks representation for several aircraft types. It is also recognized that there are considerable differences in fuel consumption between aircraft belonging to the same aircraft type variant, dependent on many factors such as age and airline specific configuration, including engines. However, at present, it was not possible to identify any suitable public alternative data source making CORINAIR the best publicly available data source for the purpose of the ICAO methodology.

Cabin Class Factor – this recognizes that several seat configurations can be offered, and the different classes of service among air carriers. The ICAO Carbon Emissions calculator does not use a specific aircraft configuration; instead, it uses the equivalent aircraft approach that represents the actual equipment in use. Due to the general nature of this methodology, it was decided to use a simplified approach, restricting the cabin classes to two: one representing the economy class, and the other representing the premium classes (premium-economy, business, and first).

Passenger Load Factor – average passenger load factors are calculated on a route group basis for international flights and on a regional basis for domestic flights. The data are obtained from the reported data sent by States to ICAO, and it tends to change with every annual update.

Passenger to Cargo Factor – average cargo factors on passenger aircraft are calculated on a route group basis for international flights and on a regional basis for domestic flights. The data is obtained from the reported data sent by States to ICAO, and it tends to change with every annual update.

Fuel consumption per aircraft type – throughout the design of this tool, the intention was to default to the best publicly available information. While it is well known that most air carriers have detailed information in regards to their fuel consumption and fuel efficiency, this information is not publicly available. At present, it was not possible to identify any suitable public alternative data source making CORINAIR the best publicly available data source for the purpose of the ICAO methodology.

6 Maintenance Requirements of the ICAO Methodology

In order to support the continued improvement and adoption of the ICAO methodology various data components will require a regular update by ICAO and be provided to users seeking to implement the ICAO methodology. These include:

ICAO traffic data – to be analyzed and updated on an annual basis.

Air carriers scheduled data – In order to calculate the composite city emissions city-pairs data are to be updated on an annual basis to reflect the schedules operated by the air carriers during the period.

Generic Aircraft Mapping – To account for changes in the equipment operating in the industry ICAO will complete a review of the aircraft types listed in the scheduled flights database and the TFS and publish a reference document showing the corresponding mapping to representative aircraft type for all in service aircraft type.

Aircraft Fuel consumption – In order to keep up to date information about new aircrafts types and technology improvements adopted by the industry, ICAO will update the fuel per kilometre information for the several aircraft equivalent models, as soon as new information is made available by aircraft manufacturers and air carriers.

7 Options for Carrier Specific Accuracy Improvements

As ICAO recognizes the additional benefits, which more detailed air carrier specific data can provide, the ICAO methodology is intended to be open source for carriers that are considering their own offset programmes and able to receive enhancements to the quality of data employed for the calculations. Possible carrier specific improvements include:

Fuel Burn – Given the air carriers flight planning requirements in terms of efficiency and safety it is anticipated that air carriers will be interested in employing more robust data to the fuel consumed on their operated flights.

Cargo Carried – An air carrier may use its own cargo factor so long as the level of aggregation is provided in accompanying documentation.

Passenger Load Factor – An air carrier may use their own passenger load factor so long as the level of aggregation is clear in accompanying documentation.

Aircraft Configuration – On account of the generic nature of this methodology an air carrier may wish to implement fleet specific data on the aircraft operated in its service.

Appendix A

Factors per Route Group

Version 7 data are based on traffic during calendar year 2012.

Route Groups		Pax Load Factors		Pax to Freight Factors	
		Wide Body	Narrow Body	Wide Body	Narrow Body
1	Between North America and Central America/Caribbean (NC)	82.7%	79.3%	89.5%	99.3%
2	Between and within Central America and the Caribbean (LC)	65.5%	75.3%	89.9%	94.9%
3	Between Bermuda, Canada, Mexico and the United States (LNM)	81.8%	76.0%	90.3%	99.6%
4	Between North Am/Central Am/Caribbean & South America (NCS)	82.0%	75.6%	83.4%	98.2%
5	Local South America (LS)	76.9%	75.8%	82.8%	98.3%
6	Local Europe (LE)	72.9%	75.3%	87.4%	98.1%
7	Local Middle East (LM)	74.8%	67.3%	81.8%	97.7%
8	Local Africa (LA)	64.5%	69.6%	79.4%	95.8%
9	Between Europe and Middle East (EM)	73.4%	73.0%	72.9%	98.3%
10	Between Europe /Middle East and Africa	76.7%	76.2%	78.8%	99.1%
11	North Atlantic	81.7%	81.8%	79.3%	98.1%
12	Mid Atlantic	82.6%	78.5%	83.8%	97.5%
13	South Atlantic	83.6%	N/A	84.2%	N/A
14	Local Asia	73.6%	71.5%	81.9%	96.7%
15	Between Europe/Middle East/Africa and Asia	79.2%	74.3%	74.3%	97.3%
16	North & Mid Pacific	83.2%	N/A	84.2%	N/A
17	South Pacific	82.7%	75.6%	89.9%	91.7%

Appendix B - Equivalent Aircraft Mapping (based on aircraft currently flown)

AIRCRAFT	EQVT								
100	100	73M	732	AT4	AT4	DH4	DH8	L10	D10
141	146	73Q	734	AT5	AT4	DH7	DH7	L11	D10
142	146	73S	732	AT7	AT7	DH8	DH8	L15	D10
143	146	73W	734	ATP	DH8	DHB	CNC	L4T	EMB
146	146	741	747	ATR	AT4	DHC	ND	LOF	LOF
310	310	742	747	B11	B11	DHL	DHO	LOH	LOH
313	310	743	747	B350	B350	DHO	DHO	M11	D10
318	320	744	744	BE1	BES	DHP	ND	M80	M80
319	320	747	747	BE2	ND	DHS	ND	M81	M80
320	320	74D	747	BE20	BE20	DHT	SC7	M82	M80
321	320	74E	744	BE9	F406	E70	CR9	M83	M80
32S	320	74L	747	BEC	ND	E75	CR9	M87	M80
330	330	74M	747	BEH	BES	E90	100	M88	M80
332	330	752	757	BES	BES	E95	100	M90	M80
333	330	753	757	BET	BE20	EM2	J41	ND	ND
340	340	757	757	BH2	ND	EMB	EMB	ND2	SH3
342	340	75W	757	BNI	ND	EMJ	CR9	NDE	ND
343	340	762	767	BNT	ND	ER3	CR2	PA2	ND
345	340	763	767	CNA	ND	ER4	CR2	PAG	ND
346	340	764	767	CNC	CNC	ERD	CR2	PL2	DHO
380	ND	767	767	CR1	CR2	ERJ	CR2	PN6	BE20
717	100	772	777	CR2	CR2	F24	B11	S20	S20
721	727	773	777	CR7	CR7	F27	F27	S61	ND
722	727	777	777	CR9	CR9	F28	F28	S76	ND
727	727	77L	777	CRA	CR7	F406	F406	SC7	SC7
72A	727	77W	777	CRJ	CR2	F50	F50	SF3	SF3
72M	727	A28	AN6	CS2	SC7	F70	CR9	SH3	SH3
72S	727	A40	F50	CS5	DH8	FK7	F27	SH6	SH6
732	732	AB3	767	CV5	AN6	FRJ	CR2	SWM	SWM
733	734	AB4	767	D10	D10	GRS	SWM	T20	757
734	734	AB6	767	D1C	D10	HS7	F27	TU3	F28
735	734	ACD	ND	D28	SWM	I14	S20	TU5	727
736	734	AGH	ND	D38	D38	IL8	LOF	YK2	DC9
737	732	AN4	AN6	D93	DC9	ILW	747	YK4	CR9
738	734	AN6	AN6	D95	DC9	J31	J31	YN2	SC7
739	734	AR1	146	D9S	DC9	J32	J31	YN7	AN6
73A	732	AR7	146	DC9	DC9	J41	J41	YS1	AN6
73C	734	AR8	146	DH1	DH8	JST	J31		
73G	734	ARJ	146	DH2	DH8				
73H	734	AT3	AT4	DH3	DH8				
73J	734								

Appendix D

Airport codes mapped to City codes

Airport Code	City Code						
AAA	AAA	AFA	AFA	AMV	AMV	ATL	ATL
AAE	AAE	AFL	AFL	ANC	ANC	ATM	ATM
AAL	AAL	AFZ	AFZ	ANE	ANE	ATQ	ATQ
AAN	AAN	AGA	AGA	ANF	ANF	ATW	ATW
AAQ	AAQ	AGB	MUC	ANI	ANI	ATY	ATY
AAR	AAR	AGF	AGF	ANM	ANM	ATZ	ATZ
AAT	AAT	AGH	AGH	ANR	ANR	AUA	AUA
AAX	AAX	AGP	AGP	ANS	ANS	AUC	AUC
ABA	ABA	AGR	AGR	ANU	ANU	AUH	AUH
ABB	ABB	AGS	AGS	ANV	ANV	AUQ	AUQ
ABD	ABD	AGT	AGT	ANX	ANX	AUR	AUR
ABE	ABE	AGU	AGU	AOE	ESK	AUS	AUS
ABI	ABI	AGX	AGX	AOG	AOG	AUX	AUX
ABJ	ABJ	AHB	AHB	AOI	AOI	AUY	AUY
ABL	ABL	AHE	AHE	AOJ	AOJ	AVA	AVA
ABQ	ABQ	AHO	AHO	AOK	AOK	AVL	AVL
ABR	ABR	AHU	AHU	AOR	AOR	AVN	AVN
ABS	ABS	AIA	AIA	AOU	AOU	AVP	AVP
ABT	ABT	AIN	AIN	APC	APC	AVV	AVV
ABU	ABU	AIT	AIT	APK	APK	AWD	AWD
ABV	ABV	AIU	AIU	APL	APL	AWZ	AWZ
ABX	ABX	AJA	AJA	APN	APN	AXA	AXA
ABY	ABY	AJF	AJF	APO	APO	AXD	AXD
ABZ	ABZ	AJI	AJI	APW	APW	AXF	AXF
ACA	ACA	AJK	AJK	AQG	AQG	AXM	AXM
ACC	ACC	AJL	AJL	AQI	AQI	AXP	AXP
ACE	ACE	AJN	AJN	AQJ	AQJ	AXR	AXR
ACH	ACH	AJR	AJR	AQP	AQP	AXT	AXT
ACK	ACK	AJU	AJU	ARA	ARA	AXU	AXU
ACR	ACR	AJY	AJY	ARC	ARC	AYP	AYP
ACT	ACT	AKF	AKF	ARD	ARD	AYQ	AYQ
ACV	ACV	AKJ	AKJ	ARH	ARH	AYT	AYT
ACX	ACX	AKL	AKL	ARI	ARI	AZD	AZD
ACY	AIY	AKN	AKN	ARK	ARK	AZN	AZN
ACZ	ACZ	AKP	AKP	ARM	ARM	AZO	AZO
ADA	ADA	AKU	AKU	ARN	STO	AZR	AZR
ADB	IZM	AKV	AKV	ART	ART	AZS	AZS
ADD	ADD	AKX	AKX	ARU	ARU	BAH	BAH
ADE	ADE	AKY	AKY	ARW	ARW	BAL	BAL
ADF	ADF	ALA	ALA	ASB	ASB	BAQ	BAQ
ADH	ADH	ALB	ALB	ASE	ASE	BAS	BAS
ADJ	AMM	ALC	ALC	ASF	ASF	BAV	BAV
ADK	ADK	ALF	ALF	ASJ	ASJ	BAX	BAX
ADL	ADL	ALG	ALG	ASM	ASM	BAY	BAY
ADQ	ADQ	ALH	ALH	ASO	ASO	BBA	BBA
ADU	ADU	ALO	ALO	ASP	ASP	BBI	BBI
ADV	ADV	ALS	ALS	ASR	ASR	BBK	BBK
ADZ	ADZ	ALW	ALW	ASU	ASU	BBN	BBN
AEB	AEB	AMA	AMA	ASV	ASV	BBO	BBO
AEP	BUE	AMD	AMD	ASW	ASW	BCD	BCD
AER	AER	AMH	AMH	ATA	ATA	BCI	BCI
AES	AES	AMM	AMM	ATC	ATC	BCM	BCM
AET	AET	AMQ	AMQ	ATH	ATH	BCN	BCN
AEY	AEY	AMS	AMS	ATK	ATK	BCV	BCV

Airport Code	City Code						
BDA	BDA	BIM	BIM	BOC	BOC	BTT	BTT
BDB	BDB	BIN	BIN	BOD	BOD	BTU	BTU
BDH	BDH	BIO	BIO	BOG	BOG	BTV	BTV
BDJ	BDJ	BIQ	BIQ	BOH	BOH	BUA	BUA
BDL	HFD	BIR	BIR	BOI	BOI	BUD	BUD
BDO	BDO	BIS	BIS	BOJ	BOJ	BUF	BUF
BDP	BDP	BJA	BJA	BOM	BOM	BUL	BUL
BDQ	BDQ	BJB	BJB	BON	BON	BUN	BUN
BDS	BDS	BJF	BJF	BOO	BOO	BUQ	BUQ
BDU	BDU	BJI	BJI	BOS	BOS	BUR	BUR
BEB	BEB	BJL	BJL	BOY	BOY	BUS	BUS
BEG	BEG	BJM	BJM	BPE	BPE	BUW	BUW
BEJ	BEJ	BJR	BJR	BPL	BPL	BUX	BUX
BEL	BEL	BJT	BJT	BPM	BPM	BUZ	BUZ
BEM	BEM	BJV	BJV	BPN	BPN	BVA	BVA
BEN	BEN	BJW	BJW	BPS	BPS	BVB	BVB
BES	BES	BJX	BJX	BPT	BPT	BVC	BVC
BET	BET	BJZ	BJZ	BPX	BPX	BVE	BVE
BEW	BEW	BKC	BKC	BQA	BQA	BVG	BVG
BEY	BEY	BKG	BKG	BQB	BQB	BVH	BVH
BFC	BFC	BKI	BKI	BQJ	BQJ	BVV	BVV
BFF	BFF	BKK	BKK	BQK	SSI	BWA	BWA
BFI	SEA	BKM	BKM	BQN	BQN	BWE	BWE
BFJ	BFJ	BKO	BKO	BQS	BQS	BWI	WAS
BFL	BFL	BKQ	BKQ	BQT	BQT	BWK	BWK
BFN	BFN	BKS	BKS	BRA	BRA	BWN	BWN
BFS	BFS	BKW	BKW	BRC	BRC	BWT	BWT
BFV	BFV	BKY	BKY	BRD	BRD	BWX	BWX
BGA	BGA	BKZ	BKZ	BRE	BRE	BXB	BXB
BGF	BGF	BLA	BLA	BRI	BRI	BXR	BXR
BGG	BGG	BLE	BLE	BRL	BRL	BXU	BXU
BGI	BGI	BLI	BLI	BRM	BRM	BYC	BYC
BGM	BGM	BLJ	BLJ	BRN	BRN	BYK	BYK
BGN	BGN	BLL	BLL	BRO	BRO	BYO	BYO
BGO	BGO	BLQ	BLQ	BRQ	BRQ	BYP	BYP
BGR	BGR	BLR	BLR	BRR	BRR	BZE	BZE
BGW	BGW	BLV	BLV	BRS	BRS	BZG	BZG
BGY	MIL	BLZ	BLZ	BRU	BRU	BZN	BZN
BHB	BHB	BMA	STO	BRW	BRW	BZO	BZO
BHD	BFS	BMB	BMB	BSA	BSA	BZR	BZR
BHE	BHE	BME	BME	BSB	BSB	BZV	BZV
BHH	BHH	BMG	BMG	BSC	BSC	CAB	CAB
BHI	BHI	BMI	BMI	BSD	BSD	CAC	CAC
BHJ	BHJ	BMO	BMO	BSG	BSG	CAE	CAE
BHK	BHK	BMU	BMU	BSK	BSK	CAG	CAG
BHM	BHM	BMV	BMV	BSL	BSL	CAH	CAH
BHO	BHO	BMW	BMW	BSO	BSO	CAI	CAI
BHQ	BHQ	BNA	BNA	BSR	BSR	CAK	CAK
BHR	BHR	BNC	BNC	BST	BST	CAL	CAL
BHS	BHS	BND	BND	BSX	BSX	CAN	CAN
BHU	BHU	BNE	BNE	BTC	BTC	CAP	CAP
BHV	BHV	BNI	BNI	BTH	BTH	CAW	CAW
BHX	BHX	BNK	BNK	BTI	BTI	CAY	CAY
BHY	BHY	BNN	BNN	BTJ	BTJ	CBB	CBB
BIA	BIA	BNS	BNS	BTK	BTK	CBH	CBH
BIF	BIF	BNX	BNX	BTM	BTM	CBO	CBO
BIK	BIK	BNY	BNY	BTR	BTR	CBQ	CBQ
BIL	BIL	BOB	BOB	BTS	BTS	CBR	CBR

Airport Code	City Code						
CBT	CBT	CIH	CIH	CPD	CPD	CZE	CZE
CCC	CCC	CIJ	CIJ	CPE	CPE	CZH	CZH
CCF	CCF	CIT	CIT	CPH	CPH	CZL	CZL
CCJ	CCJ	CIU	SSM	CPO	CPO	CZM	CZM
CCK	CCK	CIX	CIX	CPR	CPR	CZS	CZS
CCM	CCM	CIY	CIY	CPT	CPT	CZU	CZU
CCN	CCN	CIZ	CIZ	CPV	CPV	CZX	CZX
CCP	CCP	CJA	CJA	CRA	CRA	DAB	DAB
CCS	CCS	CJB	CJB	CRD	CRD	DAC	DAC
CCU	CCU	CJC	CJC	CRI	CRI	DAD	DAD
CCV	CCV	CJF	CJF	CRK	NCP	DAL	DFW
CDB	CDB	CJJ	CJJ	CRL	BRU	DAM	DAM
CDC	CDC	CJL	CJL	CRM	CRM	DAR	DAR
CDG	PAR	CJM	CJM	CRP	CRP	DAT	DAT
CDR	CDR	CJS	CJS	CRV	CRV	DAU	DAU
CDV	CDV	CJU	CJU	CRW	CRW	DAV	DAV
CEB	CEB	CKB	CKB	CSG	CSG	DAX	DAX
CEC	CEC	CKG	CKG	CSH	CSH	DAY	DAY
CED	CED	CKH	CKH	CSX	CSX	DBA	DBA
CEE	CEE	CKS	CKS	CSY	CSY	DBO	DBO
CEG	CEG	CKY	CKY	CTA	CTA	DBQ	DBQ
CEI	CEI	CKZ	CKZ	CTC	CTC	DBV	DBV
CEK	CEK	CLD	CLD	CTG	CTG	DCA	WAS
CEN	CEN	CLE	CLE	CTL	CTL	DCM	DCM
CEZ	CEZ	CLJ	CLJ	CTM	CTM	DCY	DCY
CFB	CFB	CLL	CLL	CTN	CTN	DDC	DDC
CFC	CFC	CLO	CLO	CTS	SPK	DDG	DDG
CFE	CFE	CLQ	CLQ	CTU	CTU	DEA	DEA
CFG	CFG	CLT	CLT	CUC	CUC	DEB	DEB
CFK	CFK	CLV	CLV	CUE	CUE	DEC	DEC
CFN	CFN	CLY	CLY	CUF	CUF	DED	DED
CFR	CFR	CMB	CMB	CUK	CUK	DEE	DEE
CFS	CFS	CME	CME	CUL	CUL	DEF	DEF
CFU	CFU	CMF	CMF	CUM	CUM	DEL	DEL
CGA	CGA	CMG	CMG	CUN	CUN	DEN	DEN
CGB	CGB	CMH	CMH	CUR	CUR	DFW	DFW
CGD	CGD	CMI	CMI	CUU	CUU	DGA	DGA
CGH	SAO	CMN	CAS	CUZ	CUZ	DGO	DGO
CGK	JKT	CMU	CMU	CVG	CVG	DGT	DGT
CGM	CGM	CMW	CMW	CVM	CVM	DHI	DHI
CGN	CGN	CMX	CMX	CVN	CVN	DHM	DHM
CGO	CGO	CND	CND	CVQ	CVQ	DHN	DHN
CGP	CGP	CNF	BHZ	CVT	CVT	DIB	DIB
CGQ	CGQ	CNJ	CNJ	CVU	CVU	DIE	DIE
CGR	CGR	CNM	CNM	CWA	AUW	DIG	DIG
CGY	CGY	CNP	CNP	CWB	CWB	DIK	DIK
CHA	CHA	CNQ	CNQ	CWL	CWL	DIL	DIL
CHC	CHC	CNS	CNS	CXB	CXB	DIN	DIN
CHG	CHG	CNX	CNX	CXI	CXI	DIO	DIO
CHO	CHO	CNY	CNY	CXJ	CXJ	DIR	DIR
CHQ	CHQ	COD	COD	CXR	CXR	DIS	DIS
CHS	CHS	COK	COK	CYB	CYB	DIU	DIU
CHT	CHT	COO	COO	CYD	CYD	DIW	DIW
CHX	CHX	COQ	COQ	CYO	CYO	DIY	DIY
CHY	CHY	COR	COR	CYP	CYP	DJB	DJB
CIA	ROM	COS	COS	CYS	CYS	DJE	DJE
CID	CID	COU	COU	CYX	CYX	DJG	DJG
CIF	CIF	CPC	CPC	CYZ	CYZ	DJJ	DJJ

Airport Code	City Code						
DKR	DKR	DWC	DWC	ENE	ENE	FEC	FEC
DLA	DLA	DWD	DWD	ENH	ENH	FEG	FEG
DLC	DLC	DWO	DWO	ENU	ENU	FEN	FEN
DLE	DLE	DXB	DXB	ENY	ENY	FEZ	FEZ
DLG	DLG	DXE	DXE	EOH	MDE	FGI	APW
DLH	DLH	DYG	DYG	EPR	EPR	FGU	FGU
DLI	DLI	DYR	DYR	EQS	EQS	FHZ	FHZ
DLM	DLM	DYU	DYU	ERC	ERC	FIH	FIH
DLU	DLU	DZA	DZA	ERF	ERF	FKB	FKB
DLY	DLY	DZN	DZN	ERH	ERH	FKI	FKI
DLZ	DLZ	EAM	EAM	ERI	ERI	FKQ	FKQ
DMB	DMB	EAR	EAR	ERL	ERL	FKS	FKS
DME	MOW	EAS	EAS	ERM	ERM	FLA	FLA
DMK	BKK	EAT	EAT	ERN	ERN	FLG	FLG
DMM	DMM	EAU	EAU	ERS	WDH	FLL	FLL
DMU	DMU	EBA	EBA	ERZ	ERZ	FLN	FLN
DNA	OKA	EBB	EBB	ESB	ANK	FLO	FLO
DND	DND	EBD	EBD	ESC	ESC	FLR	FLR
DNH	DNH	EBH	EBH	ESD	ESD	FLS	FLS
DNK	DNK	EBJ	EBJ	ESL	ESL	FLW	FLW
DNR	DNR	EBL	EBL	ESM	ESM	FMA	FMA
DNZ	DNZ	EBU	EBU	ESU	ESU	FMI	FMI
DOB	DOB	ECN	ECN	ETH	ETH	FMM	FMM
DOH	DOH	ECP	ECP	ETR	ETR	FMN	FMN
DOK	DOK	EDF	ANC	ETZ	ETZ	FMO	FMO
DOL	DOL	EDI	EDI	EUG	EUG	FNA	FNA
DOM	DOM	EDL	EDL	EUN	EUN	FNC	FNC
DOU	DOU	EDO	EDO	EUX	EUX	FNI	FNI
DOY	DOY	EDR	EDR	EVE	EVE	FNJ	FNJ
DPL	DPL	EEK	EEK	EVG	EVG	FNT	FNT
DPO	DPO	EFL	EFL	EVN	EVN	FOC	FOC
DPS	DPS	EGC	EGC	EVV	EVV	FOD	FOD
DPT	DPT	EGE	EGE	EWN	EWN	FOE	TOP
DQA	DQA	EGM	EGM	EWR	NYC	FON	FON
DQM	DQM	EGN	EGN	EXT	EXT	FOR	FOR
DRG	DRG	EGO	EGO	EYK	EYK	FPO	FPO
DRK	DRK	EGS	EGS	EYP	EYP	FRA	FRA
DRO	DRO	EIN	EIN	EYW	EYW	FRD	FRD
DRS	DRS	EJA	EJA	EZE	BUE	FRE	FRE
DRV	DRV	EJH	EJH	EZS	EZS	FRO	FRO
DRW	DRW	EJN	EJN	EZV	EZV	FRS	FRS
DSA	DSA	EKO	EKO	FAC	FAC	FRU	FRU
DSE	DSE	EKS	EKS	FAE	FAE	FRW	FRW
DSI	DSI	ELC	ELC	FAH	FAH	FSC	FSC
DSK	DSK	ELD	ELD	FAI	FAI	FSD	FSD
DSM	DSM	ELF	ELF	FAO	FAO	FSM	FSM
DSN	DSN	ELG	ELG	FAR	FAR	FSP	FSP
DTB	DTB	ELH	ELH	FAT	FAT	FSZ	FSZ
DTM	DTM	ELI	ELI	FAV	FAV	FTA	FTA
DTW	DTT	ELM	ELM	FAY	FAY	FTE	FTE
DUB	DUB	ELP	ELP	FBD	FBD	FTU	FTU
DUD	DUD	ELQ	ELQ	FBE	FBE	FUE	FUE
DUJ	DUJ	ELS	ELS	FBM	FBM	FUG	FUG
DUR	DUR	ELU	ELU	FCA	FCA	FUJ	FUJ
DUS	DUS	EMA	EMA	FCO	ROM	FUK	FUK
DUT	DUT	EMD	EMD	FDE	FDE	FUN	FUN
DVL	DVL	EML	EML	FDF	FDF	FUO	FUO
DVO	DVO	ENA	ENA	FDH	FDH	FUT	FUT

Airport Code	City Code						
FVM	FVM	GLN	GLN	GUR	GUR	HHH	HHH
FWA	FWA	GLO	GLO	GUW	GUW	HHN	HHN
FYJ	FYJ	GLT	GLT	GVA	GVA	HHQ	HHQ
FYU	FYU	GLV	GLV	GVR	GVR	HHR	HHR
GAE	GAE	GLX	GLX	GWD	GWD	HHZ	HHZ
GAF	GAF	GMA	GMA	GWL	GWL	HIA	HIA
GAJ	GAJ	GMB	GMB	GWT	GWT	HIB	HIB
GAL	GAL	GME	GME	GXF	GXF	HID	HID
GAM	GAM	GMO	GMO	GXH	GXH	HIJ	HIJ
GAN	GAN	GMP	SEL	GYA	GYA	HIN	HIN
GAU	GAU	GMR	GMR	GYD	BAK	HIR	HIR
GAY	GAY	GMZ	GMZ	GYE	GYE	HJJ	HJJ
GBB	GBB	GNA	GNA	GYG	GYG	HJR	HJR
GBD	GBD	GNB	GNB	GYL	GYL	HKD	HKD
GBE	GBE	GND	GND	GYN	GYN	HKG	HKG
GBT	GBT	GNS	GNS	GYS	GYS	HKK	HKK
GCC	GCC	GNV	GNV	GZO	GZO	HKN	HKN
GCH	GCH	GOA	GOA	GZP	AYT	HKT	HKT
GCI	GCI	GOB	GOB	GZT	GZT	HLA	HLA
GCK	GCK	GOH	GOH	HAA	HAA	HLD	HLD
GCM	GCM	GOI	GOI	HAC	HAC	HLH	HLH
GDE	GDE	GOJ	GOJ	HAD	HAD	HLN	HLN
GDL	GDL	GOM	GOM	HAH	YVA	HLP	JKT
GDN	GDN	GOP	GOP	HAJ	HAJ	HLZ	HLZ
GDQ	GDQ	GOQ	GOQ	HAK	HAK	HMA	HMA
GDT	GDT	GOT	GOT	HAM	HAM	HMB	HMB
GDX	GDX	GOU	GOU	HAN	HAN	HME	HME
GDZ	GDZ	GOV	GOV	HAQ	HAQ	HMI	HMI
GEA	NOU	GPA	GPA	HAS	HAS	HMO	HMO
GEG	GEG	GPI	GPI	HAU	HAU	HMV	HMV
GEL	GEL	GPS	GPS	HAV	HAV	HNA	HNA
GEO	GEO	GPT	GPT	HBA	HBA	HND	TYO
GES	GES	GRB	GRB	HBE	HBE	HNH	HNH
GET	GET	GRI	GRI	HBX	HBX	HNL	HNL
GEV	GEV	GRJ	GRJ	HCJ	HCJ	HNS	HNS
GFF	GFF	GRK	GRK	HCR	HCR	HNY	HNY
GFK	GFK	GRO	GRO	HDF	HDF	HOB	HOB
GFN	GFN	GRQ	GRQ	HDG	HDG	HOD	HOD
GGG	GGG	GRR	GRR	HDM	HDM	HOF	HOF
GGM	GGM	GRU	SAO	HDN	HDN	HOG	HOG
GGT	GGT	GRV	GRV	HDS	HDS	HOI	HOI
GHA	GHA	GRW	GRW	HDY	HDY	HOM	HOM
GHB	GHB	GRX	GRX	HEA	HEA	HON	HON
GIB	GIB	GRZ	GRZ	HEH	HEH	HOR	HOR
GIG	RIO	GSE	GOT	HEK	HEK	HOT	HOT
GIL	GIL	GSM	GSM	HEL	HEL	HOU	HOU
GIS	GIS	GSO	GSO	HER	HER	HOV	HOV
GIU	GIU	GSP	GSP	HET	HET	HOX	HOX
GIZ	GIZ	GST	GST	HFE	HFE	HPB	HPB
GJA	GJA	GTE	GTE	HFS	HFS	HPG	HPG
GJL	GJL	GTF	GTF	HFT	HFT	HPH	HPH
GJT	GJT	GTO	GTO	HGA	HGA	HPN	HPN
GKA	GKA	GTP	GTP	HGD	HGD	HRB	HRB
GKK	GKK	GTR	UBS	HGH	HGH	HRE	HRE
GLA	GLA	GTS	GTS	HGN	HGN	HRG	HRG
GLF	GLF	GUА	GUА	HGO	HGO	HRI	HRI
GLH	GLH	GUC	GUC	HGR	HGR	HRK	HRK
GLK	GLK	GUM	GUM	HGU	HGU	HRL	HRL

Airport Code	City Code						
HRO	HRO	IJK	IJK	IWD	IWD	JKR	JKR
HSG	HSG	IIKA	THR	IWJ	IWJ	JLN	JLN
HSL	HSL	IKI	IKI	IWK	IWK	JLR	JLR
HSN	HSN	IKS	IKS	IWO	IWO	JMK	JMK
HSV	HSV	IKT	IKT	IXA	IXA	JMS	JMS
HTA	HTA	ILD	ILD	IXB	IXB	JMU	JMU
HTI	HTI	ILG	ILG	IXC	IXC	JNB	JNB
HTN	HTN	ILI	ILI	IXD	IXD	JNG	JNG
HTS	HTS	ILM	ILM	IXE	IXE	JNU	JNU
HUE	HUE	ILO	ILO	IXG	IXG	JNX	JNX
HUH	HUH	ILP	ILP	IXJ	IXJ	JNZ	JNZ
HUI	HUI	ILR	ILR	IXL	IXL	JOE	JOE
HUN	HUN	ILY	ILY	IXM	IXM	JOG	JOG
HUS	HUS	IMF	IMF	IXR	IXR	JOI	JOI
HUU	HUU	IMP	IMP	IXS	IXS	JOK	JOK
HUX	HUX	IMT	IMT	IXU	IXU	JOL	JOL
HYU	HYU	INB	INB	IXZ	IXZ	JOS	JOS
HUZ	HUZ	INC	INC	IZA	IZA	JPA	JPA
HVB	HVB	IND	IND	IZO	IZO	JPR	JPR
HVD	HVD	INH	INH	JAC	JAC	JQA	JQA
HVG	HVG	INL	INL	JAI	JAI	JRH	JRH
HVN	HVN	INN	INN	JAL	JAL	JRO	JRO
HWD	HWD	INU	INU	JAN	JAN	JSH	JSH
HXD	HXD	INV	INV	JAU	JAU	JSI	JSI
HYA	HYA	INZ	INZ	JAV	JAV	JSR	JSR
HYD	HYD	IOA	IOA	JAX	JAX	JST	JST
HYN	HYN	IOM	IOM	JBB	JBB	JSU	JSU
HYS	HYS	IOS	IOS	JBQ	JBQ	JSY	JSY
HZG	HZG	IPA	IPA	JBR	JBR	JTC	JTC
HZH	HZH	IPC	IPC	JCB	JCB	JTR	JTR
IAA	IAA	IPH	IPH	JCK	JCK	JTY	JTY
IAD	WAS	IPL	IPL	JDH	JDH	JUB	JUB
IAG	IAG	IPN	IPN	JDO	JDO	JUH	JUH
IAH	HOU	IPT	IPT	JDZ	JDZ	JUJ	JUJ
IAM	IAM	IQN	IQN	JED	JED	JUL	JUL
IAN	IAN	IQQ	IQQ	JEG	JEG	JUV	JUV
IAO	IAO	IQT	IQT	JEK	JEK	JUZ	JUZ
IAS	IAS	IRA	IRA	JER	JER	JXA	JXA
IBA	IBA	IRJ	IRJ	JFK	NYC	JYV	JYV
IBE	IBE	IRM	IRM	JFR	JFR	JZH	JZH
IBR	IBR	IRP	IRP	JGA	JGA	KAA	KAA
IBZ	IBZ	ISA	ISA	JGD	JGD	KAB	KAB
ICI	ICI	ISB	ISB	JGN	JGN	KAD	KAD
ICN	SEL	ISC	ISC	JGS	JGS	KAJ	KAJ
ICT	ICT	ISE	ISE	JHB	JHB	KAL	KAL
IDA	IDA	ISG	ISG	JHG	JHG	KAN	KAN
IDR	IDR	ISN	ISN	JHS	JHS	KAO	KAO
IEV	IEV	ISP	ISP	JIB	JIB	KAT	KAT
IFJ	IFJ	IST	IST	JIC	JIC	KAW	KAW
IFN	IFN	ISU	ISU	JIJ	JIJ	KAZ	KAZ
IFO	IFO	ITB	ITB	JIK	JIK	KBC	KBC
IGA	IGA	ITH	ITH	JIM	JIM	KBL	KBL
IGD	IGD	ITM	OSA	JIQ	JIQ	KBP	IEV
IGM	IGM	ITO	ITO	JIU	JIU	KBR	KBR
IGR	IGR	IUE	IUE	JJN	JJN	KBU	KBU
IGT	IGT	IVC	IVC	JKG	JKG	KBV	KBV
IGU	IGU	IVL	IVL	JKH	JKH	KCA	KCA
IIL	IIL	IWA	IWA	JKL	JKL	KCH	KCH

Airport Code	City Code						
KCK	KCK	KKA	KKA	KSJ	KSJ	LAI	LAI
KCM	KCM	KKC	KKC	KSM	KSM	LAN	LAN
KCT	KCT	KKE	KKE	KSN	KSN	LAO	LAO
KCZ	KCZ	KKJ	KKJ	KSO	KSO	LAP	LAP
KDH	KDH	KKN	KKN	KSQ	KSQ	LAQ	LAQ
KDI	KDI	KKR	KKR	KSU	KSU	LAR	LAR
KDL	KDL	KKX	KKX	KSY	KSY	LAS	LAS
KDM	KDM	KLG	KLG	KTA	KTA	LAU	LAU
KDO	KDO	KLO	KLO	KTD	KTD	LAW	LAW
KDU	KDU	KLR	KLR	KTE	KTE	LAX	LAX
KDV	KDV	KLU	KLU	KTG	KTG	LBA	LBA
KDY	KDY	KLV	KLV	KTL	KTL	LBB	LBB
KDZ	KDZ	KLW	KLW	KTM	KTM	LBC	LBC
KEF	REK	KLX	KLX	KTN	KTN	LBD	LBD
KEH	KEH	KMC	KMC	KTS	KTS	LBE	LBE
KEJ	KEJ	KMG	KMG	KTT	KTT	LBF	LBF
KEM	KEM	KMI	KMI	KTW	KTW	LBJ	LBJ
KEP	KEP	KMJ	KMJ	KUA	KUA	LBL	LBL
KER	KER	KMN	KMN	KUD	KUD	LBP	LBP
KET	KET	KMQ	KMQ	KUF	KUF	LBS	LBS
KEW	KEW	KMS	KMS	KUH	KUH	LBU	LBU
KFS	KFS	KMU	KMU	KUL	KUL	LBV	LBV
KGA	KGA	KMV	KMV	KUM	KUM	LCA	LCA
KGC	KGC	KND	KND	KUN	KUN	LCE	LCE
KGD	KGD	KNG	KNG	KUO	KUO	LCG	LCG
KGE	KGE	KNH	KNH	KUS	KUS	LCH	LCH
KGF	KGF	KNO	KNO	KUT	KUT	LCJ	LCJ
KGI	KGI	KNQ	KNQ	KUU	KUU	LCK	CMH
KGL	KGL	KNS	KNS	KUV	KUV	LCM	LCM
KGS	KGS	KNU	KNU	KVA	KVA	LCR	LCR
KGT	KGT	KNX	KNX	KVD	KVD	LCX	LCX
KGX	KGX	KOA	KOA	KVG	KVG	LCY	LON
KHD	KHD	KOE	KOE	KVK	KVK	LDB	LDB
KHE	KHE	KOI	KOI	KVL	KVL	LDE	LDE
KHG	KHG	KOJ	KOJ	KVX	KVX	LDH	LDH
KHH	KHH	KOK	KOK	KWA	KWA	LDS	LDS
KHI	KHI	KOO	KOO	KWE	KWE	LDU	LDU
KHM	KHM	KOP	KOP	KWI	KWI	LDY	LDY
KHN	KHN	KOS	KOS	KWJ	KWJ	LEA	LEA
KHS	KHS	KOT	KOT	KWL	KWL	LEC	LEC
KHT	KHT	KOV	KOV	KWM	KWM	LED	LED
KHV	KHV	KOW	KOW	KWN	KWN	LEI	LEI
KHY	KHY	KQT	KQT	KWZ	KWZ	LEJ	LEJ
KHZ	KHZ	KRF	KRF	KXF	KXF	LEN	LEN
KID	KID	KRK	KRK	KXK	KXK	LEQ	LEQ
KIE	KIE	KRL	KRL	KXU	KXU	LET	LET
KIF	KIF	KRN	KRN	KYA	KYA	LEX	LEX
KIH	KIH	KRO	KRO	KYP	KYP	LFM	LFM
KIJ	KIJ	KRP	KRP	KYU	KYU	LFT	LFT
KIM	KIM	KRR	KRR	KYZ	KYZ	LFW	LFW
KIN	KIN	KRS	KRS	KZI	KZI	LGA	NYC
KIR	KIR	KRT	KRT	KZN	KZN	LGB	LGB
KIS	KIS	KRY	KRY	KZO	KZO	LGG	LGG
KIT	KIT	KSA	KSA	KZR	KZR	LGI	LGI
KIV	KIV	KSC	KSC	KZS	KZS	LGK	LGK
KIX	OSA	KSD	KSD	LAD	LAD	LGL	LGL
KJA	KJA	KSF	KSF	LAE	LAE	LGP	LGP
KJH	KJH	KSH	KSH	LAF	LAF	LGQ	LGQ

Airport Code	City Code						
LGW	LON	LPM	LPM	LYR	LYR	MEL	MEL
LHE	LHE	LPP	LPP	LYS	LYS	MEM	MEM
LHR	LON	LPQ	LPQ	LZC	LZC	MEQ	MEQ
LHW	LHW	LPS	LPS	LZH	LZH	MEX	MEX
LIF	LIF	LPT	LPT	LZO	LZO	MFE	MFE
LIG	LIG	LPY	LPY	LZR	LZR	MFM	MFM
LIH	LIH	LQM	LQM	LZY	LZY	MFR	MFR
LIL	LIL	LRD	LRD	MAA	MAA	MFU	MFU
LIM	LIM	LRE	LRE	MAB	MAB	MGA	MGA
LIN	MIL	LRH	LRH	MAD	MAD	MGB	MGB
LIQ	LIQ	LRM	LRM	MAF	MAF	MGF	MGF
LIR	LIR	LRR	LRR	MAG	MAG	MGH	MGH
LIS	LIS	LRS	LRS	MAH	MAH	MGM	MGM
LIT	LIT	LRT	LRT	MAJ	MAJ	MGQ	MGQ
LIW	LIW	LSA	LSA	MAM	MAM	MGS	MGS
LJG	LJG	LSC	LSC	MAN	MAN	MGT	MGT
LJU	LJU	LSE	LSE	MAO	MAO	MGW	MGW
LKA	LKA	LSH	LSH	MAQ	MAQ	MGZ	MGZ
LKB	LKB	LSI	SDZ	MAR	MAR	MHC	MHC
LKE	SEA	LSP	LSP	MAS	MAS	MHD	MHD
LKG	LKG	LST	LST	MAU	MAU	MHG	MHG
LKH	LKH	LSW	LSW	MBA	MBA	MHH	MHH
LKL	LKL	LSY	LSY	MBE	MBE	MHK	MHK
LKN	LKN	LTI	LTI	MBI	MBI	MHQ	MHQ
LKO	LKO	LTN	LON	MBJ	MBJ	MHT	MHT
LKY	LKY	LTO	LTO	MBL	MBL	MIA	MIA
LLA	LLA	LT	LT	MBS	MBS	MID	MID
LLB	LLB	LTX	LTX	MBT	MBT	MIG	MIG
LLF	LLF	LUD	LUD	MCE	MCE	MII	MII
LLI	LLI	LUG	LUG	MCG	MCG	MIM	MIM
LLK	LLK	LUH	LUH	MCI	MKC	MIR	MIR
LLV	LLV	LUK	CVG	MCK	MCK	MIS	MIS
LLW	LLW	LUM	LUM	MCO	ORL	MJD	MJD
LMC	LMC	LUN	LUN	MCP	MCP	MJF	MJF
LMM	LMM	LUO	LUO	MCT	MCT	MJI	MJI
LMN	LMN	LUQ	LUQ	MCV	MCV	MJM	MJM
LMP	LMP	LUR	LUR	MCW	MCW	MJN	MJN
LNB	LNB	LUV	LUV	MCX	MCX	MJT	MJT
LNE	LNE	LUW	LUW	MCY	MCY	MJU	MJU
LNJ	LNJ	LUX	LUX	MCZ	MCZ	MJV	MJV
LNK	LNK	LUZ	LUZ	MDC	MDC	MJZ	MJZ
LNV	LNV	LVI	LVI	MDE	MDE	MKC	MKC
LNY	LNY	LWB	LWB	MDG	MDG	MKE	MKE
LNZ	LNZ	LWN	LWN	MDK	MDK	MKG	MKG
LOD	LOD	LWO	LWO	MDL	MDL	MKK	MKK
LOE	LOE	LWS	LWS	MDQ	MDQ	MKL	MKL
LOH	LOH	LWY	LWY	MDT	HAR	MKM	MKM
LOK	LOK	LXA	LXA	MDU	MDU	MKP	MKP
LOO	LOO	LXG	LXG	MDW	CHI	MKQ	MKQ
LOP	LOP	LXR	LXR	MDZ	MDZ	MKW	MKW
LOS	LOS	LXS	LXS	MEA	MEA	MKY	MKY
LPA	LPA	LYA	LYA	MEB	MEL	MKZ	MKZ
LPB	LPB	LYB	LYB	MEC	MEC	MLA	MLA
LPD	LPD	LYC	LYC	MED	MED	MLB	MLB
LPF	LPF	LYG	LYG	MEE	MEE	MLE	MLE
LPI	LPI	LYH	LYH	MEG	MEG	MLG	MLG
LPK	LPK	LYI	LYI	MEH	MEH	MLH	MLH
LPL	LPL	LYP	LYP	MEI	MEI	MLI	MLI

Airport Code	City Code						
MLM	MLM	MSP	MSP	NAN	NAN	NOP	NOP
MLN	MLN	MSQ	MSQ	NAO	NAO	NOS	NOS
MLO	MLO	MSR	MSR	NAP	NAP	NOU	NOU
MLU	MLU	MST	MST	NAQ	NAQ	NOV	NOV
MLX	MLX	MSU	MSU	NAS	NAS	NOZ	NOZ
MMB	MMB	MSY	MSY	NAT	NAT	NPE	NPE
MMD	MMD	MSZ	MSZ	NAU	NAU	NPL	NPL
MME	MME	MTJ	MTJ	NAV	NAV	NQN	NQN
MMH	MMH	MTR	MTR	NAW	NAW	NQU	NQU
MMJ	MMJ	MTT	MTT	NAY	BJS	NQX	EYW
MMK	MMK	MTV	MTV	NBC	NBC	NQY	NQY
MMO	MMO	MTY	MTY	NBE	NBE	NRA	NRA
MMU	MMU	MUA	MUA	NBO	NBO	NRE	NRE
MMX	MMA	MUB	MUB	NBS	NBS	NRK	NRK
MMY	MMY	MUC	MUC	NBX	NBX	NRN	NRN
MMZ	MMZ	MUK	MUK	NCE	NCE	NRT	TYO
MNA	MNA	MUN	MUN	NCJ	NCJ	NSH	NSH
MNC	MNC	MUR	MUR	NCL	NCL	NSI	YAO
MNG	MNG	MUW	MUW	NCN	NCN	NSK	NSK
MNL	MNL	MUX	MUX	NCU	NCU	NSN	NSN
MNU	MNU	MVB	MVB	NDB	NDB	NST	NST
MOB	MOB	MVD	MVD	NDG	NDG	NTD	NTD
MOC	MOC	MVP	MVP	NDJ	NDJ	NTE	NTE
MOF	MOF	MVR	MVR	NDR	NDR	NTG	NTG
MOG	MOG	MVT	MVT	NDU	NDU	NTL	NTL
MOI	MOI	MVY	MVY	NER	NER	NTQ	NTQ
MOL	MOL	MWF	MWF	NEV	NEV	NTX	NTX
MOQ	MOQ	MWX	MWX	NGB	NGB	NUE	NUE
MOT	MOT	MWZ	MWZ	NGE	NGE	NUI	NUI
MOU	MOU	MXH	MXH	NGK	NGK	NUK	NUK
MOV	MOV	MXL	MXL	NGO	NGO	NUL	NUL
MOZ	MOZ	MXP	MIL	NGQ	NGQ	NUS	NUS
MPA	MPA	MXS	MXS	NGS	NGS	NUU	NUU
MPH	MPH	MXV	MXV	NHV	NHV	NUX	NUX
MPL	MPL	MXX	MXX	NIF	NIF	NVA	NVA
MPM	MPM	MXZ	MXZ	NIM	NIM	NVI	NVI
MPN	MPN	MYA	MYA	NIU	NIU	NVK	NVK
MQF	MQF	MYD	MYD	NJC	NJC	NVT	NVT
MQJ	MQJ	MYF	SAN	NJF	NJF	NWI	NWI
MQL	MQL	MYG	MYG	NKC	NKC	NYA	NYA
MQM	MQM	MYJ	MYJ	NKG	NKG	NYI	NYI
MQN	MQN	MYR	MYR	NKM	NGO	NYM	NYM
MQP	NLP	MYT	MYT	NKT	NKT	NYO	STO
MQP	MQP	MYU	MYU	NLA	NLA	NYR	NYR
MQT	MQT	MYW	MYW	NLD	NLD	NYT	NYT
MQX	MQX	MYY	MYY	NLK	NLK	NYU	NYU
MRA	MRA	MZG	MZG	NLT	NLT	NYW	NYW
MRE	MRE	MZH	MZH	NMA	NMA	NZH	NZH
MRS	MRS	MZL	MZL	NME	NME	OAG	OAG
MRU	MRU	MZO	MZO	NNB	NNB	OAI	OAI
MRV	MRV	MZR	MZR	NNG	NNG	OAJ	OAJ
MRY	MRY	MZT	MZT	NNM	NNM	OAK	OAK
MRZ	MRZ	MZV	MZV	NNT	NNT	OAL	OAL
MSA	MSA	MZW	MZW	NNX	NNX	OAS	OAS
MSJ	MSJ	NAG	NAG	NNY	NNY	OAX	OAX
MSL	MSL	NAH	NAH	NOB	NOB	OBG	OBG
MSN	MSN	NAJ	NAJ	NOC	NOC	OBG	OBG
MSO	MSO	NAL	NAL	NOJ	NOJ	OCC	OCC

Airport Code	City Code						
OCM	OCM	OSR	OSR	PEK	BJS	PLW	PLW
ODN	ODN	OSS	OSS	PEM	PEM	PLX	PLX
ODO	ODO	OST	OST	PEN	PEN	PLZ	PLZ
ODS	ODS	OSW	OSW	PER	PER	PMC	PMC
ODY	ODY	OSY	OSY	PES	PES	PMF	PMF
OER	OER	OTD	OTD	PET	PET	PMI	PMI
OGD	OGD	OTH	OTH	PEU	PEU	PMO	PMO
OGG	OGG	OTI	OTI	PEW	PEW	PMR	PMR
OGL	OGL	OTP	BUH	PEZ	PEZ	PMV	PMV
OGN	OGN	OTZ	OTZ	PFB	PFB	PMW	PMW
OGX	OGX	OUA	OUA	PFO	PFO	PMY	PMY
OGZ	OGZ	OUD	OUD	PFQ	PFQ	PMZ	PMZ
OHD	OHD	OUL	OUL	PGA	PGA	PNA	PNA
OHE	OHE	OUZ	OUZ	PGD	PGD	PND	PND
OHH	OHH	OVB	OVB	PGF	PGF	PNH	PNH
OHS	OHS	OVD	OVD	PGK	PGK	PNI	PNI
OIM	OIM	OVS	OVS	PGV	PGV	PNK	PNK
OIT	OIT	OWB	OWB	PGX	PGX	PNL	PNL
OKA	OKA	OXB	OXB	PHB	PHB	PNP	PNP
OKC	OKC	OZC	OZC	PHC	PHC	PNQ	PNQ
OKE	OKE	OZG	OZG	PHE	PHE	PNR	PNR
OKI	OKI	OZH	OZH	PHF	PHF	PNS	PNS
OKJ	OKJ	OZZ	OZZ	PHL	PHL	PNZ	PNZ
OKL	OKL	PAC	PTY	PHO	PHO	POA	POA
OLB	OLB	PAD	PAD	PHS	PHS	POG	POG
OLL	OLL	PAG	PAG	PHW	PHW	POI	POI
OLP	OLP	PAH	PAH	PHX	PHX	POJ	POJ
OLZ	OLZ	PAP	PAP	PIA	PIA	POL	POL
OMA	OMA	PAS	PAS	PIB	LUL	POM	POM
OMD	OMD	PAT	PAT	PIE	PIE	POP	POP
OME	OME	PAV	PAV	PIH	PIH	POR	POR
OMH	OMH	PAZ	PAZ	PIK	GLA	POS	POS
OMR	OMR	PBC	PBC	PIN	PIN	POZ	POZ
OMS	OMS	PBD	PBD	PIR	PIR	PPB	PPB
OND	OND	PBG	PBG	PIS	PIS	PPG	PPG
ONJ	ONJ	PBH	PBH	PIT	PIT	PPN	PPN
ONK	ONK	PBI	PBI	PIU	PIU	PPP	PPP
ONL	ONL	PBJ	PBJ	PIX	PIX	PPQ	PPQ
ONS	ONS	PBL	PBL	PIZ	PIZ	PPS	PPS
ONT	ONT	PBM	PBM	PJA	PJA	PPT	PPT
OOK	OOK	PBO	PBO	PJG	PJG	PQC	PQC
OOL	OOL	PBU	PBU	PJM	PJM	PQI	PQI
OPO	OPO	PBZ	PBZ	PKB	PKB	PQQ	PQQ
OPS	OPS	PCL	PCL	PKC	PKC	PQS	PQS
ORB	ORB	PCR	PCR	PKE	PKE	PRA	PRA
ORD	CHI	PDA	PDA	PKN	PKN	PRC	PRC
ORF	ORF	PDG	PDG	PKP	PKP	PRG	PRG
ORH	ORH	PDK	ATL	PKR	PKR	PRH	PRH
ORK	ORK	PDL	PDL	PKU	PKU	PRI	PRI
ORN	ORN	PDP	PDP	PKY	PKY	PRN	PRN
ORU	ORU	PDS	PDS	PKZ	PKZ	PSA	PSA
ORV	ORV	PDT	PDT	PLJ	PLJ	PSC	PSC
ORY	PAR	PDV	PDV	PLM	PLM	PSE	PSE
ORZ	ORZ	PDX	PDX	PLN	PLN	PSG	PSG
OSD	OSD	PED	PED	PLO	PLO	PSJ	PSJ
OSI	OSI	PEE	PEE	PLQ	PLQ	PSM	PSM
OSL	OSL	PEG	PEG	PLS	PLS	PSO	PSO
OSM	OSM	PEI	PEI	PLU	BHZ	PSP	PSP

Airport Code	City Code						
PSR	PSR	RBA	RBA	RMP	RMP	SAN	SAN
PSS	PSS	RBQ	RBQ	RMQ	RMQ	SAP	SAP
PSU	PSU	RBR	RBR	RMS	RMS	SAT	SAT
PSZ	PSZ	RBV	RBV	RMT	RMT	SAV	SAV
PTG	PTG	RBY	RBY	RNA	RNA	SAW	SAW
PTH	PTH	RCB	RCB	RNB	RNB	SBA	SBA
PTJ	PTJ	RCH	RCH	RNJ	RNJ	SBH	SBH
PTP	PTP	RCM	RCM	RNL	RNL	SBN	SBN
PTY	PTY	RCY	RCY	RNN	RNN	SBP	CSL
PUB	PUB	RDB	RDB	RNO	RNO	SBW	SBW
PUE	PUE	RDD	RDD	RNS	RNS	SBY	SBY
PUF	PUF	RDM	RDM	ROA	ROA	SBZ	SBZ
PUG	PUG	RDU	RDU	ROB	MLW	SCC	SCC
PUJ	PUJ	RDZ	RDZ	ROC	ROC	SCE	SCE
PUK	PUK	REA	REA	ROI	ROI	SCK	SCK
PUM	PUM	REC	REC	ROK	ROK	SCL	SCL
PUQ	PUQ	REG	REG	ROO	ROO	SCM	SCM
PUS	PUS	REL	REL	ROP	ROP	SCN	SCN
PUU	PUU	REN	REN	ROR	ROR	SCO	SCO
PUW	PUW	REP	REP	ROS	ROS	SCQ	SCQ
PUY	PUY	RES	RES	ROT	ROT	SCT	SCT
PVA	PVA	RET	RET	ROV	ROV	SCU	SCU
PVD	PVD	REU	REU	ROW	ROW	SCW	SCW
PVG	SHA	REX	REX	RPR	RPR	SCY	SCY
PVH	PVH	RFD	RFD	RRG	RRG	SCZ	SCZ
PVK	PVK	RFP	RFP	RRR	RRR	SDD	SDD
PVL	PVL	RGA	RGA	RRS	RRS	SDE	SDE
PVR	PVR	RGI	RGI	RSA	RSA	SDF	SDF
PVU	PVU	RGK	RGK	RSD	RSD	SDJ	SDJ
PWM	PWM	RGL	RGL	RST	RST	SDK	SDK
PWQ	PWQ	RGN	RGN	RSU	RSU	SDL	SDL
PXM	PXM	RGS	RGS	RSW	FMY	SDN	SDN
PXO	PXO	RHD	RHD	RTA	RTA	SDP	SDP
PXU	PXU	RHI	RHI	RTB	RTB	SDQ	SDQ
PYH	PYH	RHO	RHO	RTI	RTI	SDR	SDR
PYJ	PYJ	RHT	RHT	RTM	RTM	SDU	RIO
PYY	PYY	RIA	RIA	RTW	RTW	SDV	TLV
PZB	PZB	RIB	RIB	RUA	RUA	SEA	SEA
PZH	PZH	RIC	RIC	RUH	RUH	SEB	SEB
PZI	PZI	RIG	RIG	RUN	RUN	SEK	SEK
PZO	PZO	RIS	RIS	RUP	RUP	SEN	SEN
PZU	PZU	RIW	RIW	RUR	RUR	SEU	SEU
QBC	QBC	RIX	RIX	RVD	RVD	SEZ	SEZ
QOW	QOW	RIY	RIY	RVE	RVE	SFA	SFA
QRO	QRO	RJA	RJA	RVK	RVK	SFB	SFB
QSC	QSC	RJH	RJH	RVN	RVN	SFD	SFD
QSF	QSF	RJK	RJK	RVT	RVT	SFG	SFG
QUO	QUO	RJL	RJL	RVV	RVV	SFH	SFH
RAB	RAB	RKA	RKA	RXS	RXS	SFJ	SFJ
RAE	RAE	RKS	RKS	RYG	RYG	SFL	SFL
RAH	RAH	RKV	REK	RYK	RYK	SFN	SFN
RAI	RAI	RKZ	RKZ	RYL	RYL	SFO	SFO
RAJ	RAJ	RLG	RLG	RZE	RZE	SFT	SFT
RAK	RAK	RLK	RLK	RZR	RZR	SGC	SGC
RAO	RAO	RLO	RLO	SAB	SAB	SGD	SGD
RAP	RAP	RMA	RMA	SAF	SAF	SGF	SGF
RAR	RAR	RMF	RMF	SAH	SAH	SGN	SGN
RAS	RAS	RMI	RMI	SAL	SAL	SGU	SGU

Airport Code	City Code						
SGY	SGY	SLZ	SLZ	STL	STL	SZG	SZG
SHA	SHA	SMA	SMA	STM	STM	SZI	SZI
SHB	SHB	SMF	SAC	STN	LON	SZK	SZK
SHC	SHC	SMI	SMI	STR	STR	SZX	SZX
SHD	SHD	SMK	SMK	STS	STS	SZZ	SZZ
SHE	SHE	SML	SML	STT	STT	TAB	TAB
SHG	SHG	SMQ	SMQ	STV	STV	TAC	TAC
SHH	SHH	SMR	SMR	STW	STW	TAE	TAE
SHJ	SHJ	SMS	SMS	STX	STX	TAG	TAG
SHL	SHL	SMX	SMX	SUB	SUB	TAH	TAH
SHM	SHM	SNA	SNA	SUF	SUF	TAI	TAI
SHP	SHP	SNC	SNC	SUG	SUG	TAK	TAK
SHR	SHR	SNE	SNE	SUJ	SUJ	TAL	TAL
SHV	SHV	SNN	SNN	SUK	SUK	TAM	TAM
SHW	SHW	SNO	SNO	SUN	SUN	TAO	TAO
SHX	SHX	SNP	SNP	SUR	SUR	TAP	TAP
SIC	SIC	SNR	SNR	SUV	SUV	TAS	TAS
SID	SID	SNU	SNU	SUX	SUX	TAT	TAT
SIF	SIF	SNW	SNW	SUY	SUY	TAY	TAY
SIN	SIN	SOB	SOB	SVA	SVA	TBB	TBB
SIP	SIP	SOC	SOC	SVB	SVB	TBG	TBG
SIS	SIS	SOF	SOF	SVC	SVC	TBH	TBH
SIT	SIT	SOG	SOG	SVD	SVD	TBI	TBI
SJC	SJC	SOJ	SOJ	SVG	SVG	TBO	TBO
SJD	SJD	SOM	SOM	SVI	SVI	TBP	TBP
SJE	SJE	SON	SON	SVJ	SVJ	TBS	TBS
SJI	SJI	SOQ	SOQ	SVK	SVK	TBT	TBT
SJJ	SJJ	SOU	SOU	SVL	SVL	TBU	TBU
SJL	SJL	SOW	SOW	SVN	SVN	TBW	TBW
SJO	SJO	SPB	STT	SVO	MOW	TBZ	TBZ
SJP	SJP	SPC	SPC	SVP	SVP	TCB	TCB
SJT	SJT	SPD	SPD	SVQ	SVQ	TCD	TCD
SJU	SJU	SPI	SPI	SVU	SVU	TCG	TCG
SJW	SJW	SPN	SPN	SVX	SVX	TCL	TCL
SJZ	SJZ	SPP	SPP	SWA	SWA	TCO	TCO
SKB	SKB	SPR	SPR	SWF	SWF	TCP	TCP
SKD	SKD	SPS	SPS	SWJ	SWJ	TCQ	TCQ
SKE	SKE	SPU	SPU	SWO	SWO	TCR	TCR
SKG	SKG	SPY	SPY	SWQ	SWQ	TCZ	TCZ
SKK	SKK	SQD	SQD	SXB	SXB	TDD	TDD
SKN	SKN	SQG	SQG	SXF	BER	TDG	TDG
SKO	SKO	SRE	SRE	SXK	SXK	TDX	TDX
SKP	SKP	SRG	SRG	SXM	SXM	TEE	TEE
SKT	SKT	SRI	SRI	SXR	SXR	TEK	TEK
SKU	SKU	SRP	SRP	SXZ	SXZ	TEN	TEN
SKX	SKX	SRQ	SRQ	SYD	SYD	TEQ	TEQ
SKZ	SKZ	SRY	SRY	SYM	SYM	TER	TER
SLA	SLA	SRZ	SRZ	SYO	SYO	TET	TET
SLC	SLC	SSA	SSA	SYQ	SJO	TFF	TFF
SLH	SLH	SSB	STX	SYR	SYR	TFI	TFI
SLI	SLI	SSG	SSG	SYS	SYS	TFN	TCI
SLL	SLL	SSH	SSH	SYX	SYX	TFS	TCI
SLM	SLM	SSJ	SSJ	SYY	SYY	TGC	TGC
SLN	SLN	SSR	SSR	SYZ	SYZ	TGD	TGD
SLP	SLP	STC	STC	SZA	SZA	TGG	TGG
SLU	SLU	STD	STD	SZB	KUL	TGI	TGI
SLW	SLW	STG	STG	SZE	SZE	TGM	TGM
SLY	SLY	STI	STI	SZF	SZF	TGO	TGO

Airport Code	City Code						
TGP	TGP	TMI	TMI	TSN	TSN	UFA	UFA
TGR	TGR	TMJ	TMJ	TSR	TSR	UGC	UGC
TGU	TGU	TMK	TMK	TST	TST	UIB	UIB
TGZ	TGZ	TML	TML	TSV	TSV	UIH	UIH
THD	THD	TMM	TMM	TTA	TTA	UII	UII
THE	THE	TMP	TMP	TTE	TTE	UIO	UIO
THL	THL	TMR	TMR	TTJ	TTJ	UIP	UIP
THN	THN	TMS	TMS	TTN	TTN	UKA	UKA
THQ	THQ	TMT	TMT	TTQ	TTQ	UKB	UKB
THR	THR	TMU	TMU	TTT	TTT	UKG	UKG
THS	THS	TMW	TMW	TTU	TTU	UKK	UKK
THU	THU	TMX	TMX	TUB	TUB	UKX	UKX
THX	THX	TNA	TNA	TUC	TUC	ULB	ULB
THZ	THZ	TNC	TNC	TUF	TUF	ULD	ULD
TIA	TIA	TNE	TNE	TUG	TUG	ULG	ULG
TID	TID	TNG	TNG	TUI	TUI	ULH	ULH
TIF	TIF	TNH	TNH	TUK	TUK	ULK	ULK
TIH	TIH	TNJ	TNJ	TUL	TUL	ULN	ULN
TII	TII	TNK	TNK	TUN	TUN	ULO	ULO
TIJ	TIJ	TNN	TNN	TUO	TUO	ULV	ULV
TIM	TIM	TNO	TNO	TUP	TUP	ULZ	ULZ
TIN	TIN	TNR	TNR	TUR	TUR	UME	UME
TIP	TIP	TNW	TNW	TUS	TUS	UMS	UMS
TIR	TIR	TOB	TOB	TUU	TUU	UND	UND
TIU	TIU	TOE	TOE	TVC	TVC	UNG	UNG
TIV	TIV	TOF	TOF	TVF	TVF	UNK	UNK
TIZ	TIZ	TOG	TOG	TVS	TVS	UNN	UNN
TJA	TJA	TOH	TOH	TVU	TVU	UOA	UOA
TJK	TJK	TOL	TOL	TVY	TVY	UOX	UOX
TJL	TJL	TOS	TOS	TWF	TWF	UPG	UPG
TJM	TJM	TOY	TOY	TWT	TWT	UPN	UPN
TJN	TJN	TPA	TPA	TWU	TWU	URA	URA
TJQ	TJQ	TPE	TPE	TXF	TXF	URC	URC
TJS	TJS	TPP	TPP	TXK	TXK	URE	URE
TJU	TJU	TPQ	TPQ	TXL	BER	URG	URG
TKD	TKD	TPS	TPS	TXN	TXN	URJ	URJ
TKG	TKG	TQL	TQL	TYF	TYF	URS	URS
TKK	TKK	TRA	TRA	TYL	TYL	URT	URT
TKN	TKN	TRC	TRC	TYN	TYN	URY	URY
TKP	TKP	TRD	TRD	TYR	TYR	USA	USA
TKQ	TKQ	TRE	TRE	TYS	TYS	USH	USH
TKS	TKS	TRF	OSL	TZA	BZE	USK	USK
TKU	TKU	TRG	TRG	TZL	TZL	USM	USM
TKV	TKV	TRI	TRI	TZX	TZX	USN	USN
TKX	TKX	TRK	TRK	UAH	UAH	USR	USR
TLA	TLA	TRM	TRM	UAK	UAK	UST	UST
TLC	TLC	TRN	TRN	UAP	UAP	USU	USU
TLE	TLE	TRO	TRO	UAQ	UAQ	UTH	UTH
TLH	TLH	TRR	TRR	UBA	UBA	UTN	UTN
TLI	TLI	TRS	TRS	UBJ	UBJ	UTP	UTP
TLL	TLL	TRU	TRU	UBP	UBP	UTT	UTT
TLM	TLM	TRV	TRV	UCT	UCT	UDU	UDU
TLN	TLN	TRW	TRW	UDI	UDI	UUS	UUS
TLS	TLS	TRZ	TRZ	UDJ	UDJ	UVE	UVE
TLV	TLV	TSA	TPE	UDR	UDR	UVF	SLU
TMC	TMC	TSE	TSE	UEL	UEL	UYL	UYL
TME	TME	TSF	VCE	UEO	UEO	UYN	UYN
TMF	TMF	TSJ	TSJ	UET	UET	UYU	UYU

Airport Code	City Code						
UZR	UZR	VNO	VNO	WNH	WNH	YBC	YBC
VAA	VAA	VNS	VNS	WNN	WNN	YBG	YBG
VAI	VAI	VNX	VNX	WNP	WNP	YBK	YBK
VAK	VAK	VOG	VOG	WNZ	WNZ	YBL	YBL
VAL	VAL	VOL	VOL	WRE	WRE	YBP	YBP
VAM	VAM	VOZ	VOZ	WRG	WRG	YBR	YBR
VAN	VAN	VPE	VPE	WRL	WRL	YBX	YBX
VAO	VAO	VPS	VPS	WRN	WRN	YCB	YCB
VAR	VAR	VPY	VPY	WRO	WRO	YCD	YCD
VAS	VAS	VQS	VQS	WSZ	WSZ	YCG	YCG
VAW	VAW	VRA	VRA	WTB	WTB	YCK	YCK
VBA	VBA	VRC	VRC	WTK	WTK	YCL	YCL
VBP	VBP	VRN	VRN	WUA	WUA	YCO	YCO
VBV	VBV	VSA	VSA	WUH	WUH	YCS	YCS
VBY	VBY	VST	VST	WUS	WUS	YCU	YCU
VCA	VCA	VTE	VTE	WUX	WUX	YCY	YCY
VCE	VCE	VTZ	VTZ	WUZ	WUZ	YDF	YDF
VCL	VCL	VUP	VUP	WVB	WVB	YDP	YDP
VCP	SAO	VUS	VUS	WWI	WWI	YDQ	YDQ
VCS	VCS	VVC	VVC	WWK	WWK	YEG	YEA
VCT	VCT	VVI	SRZ	WWT	WWT	YEI	BTZ
VCV	VCV	VVO	VVO	WXN	WXN	YEK	YEK
VDA	VDA	VVZ	VVZ	WYA	WYA	YER	YER
VDB	VDB	VXC	VXC	WYS	WYS	YES	YES
VDC	VDC	VXE	VXE	XAP	XAP	YEV	YEV
VDE	VDE	VXO	VXO	XBE	XBE	YFA	YFA
VDH	VDH	YI	YI	XBJ	XBJ	YFB	YFB
VDM	VDM	WAA	WAA	XCH	XCH	YFC	YFC
VDS	VDS	WAE	WAE	XCR	XCR	YFH	YFH
VDZ	VDZ	WAG	WAG	XFN	XFN	YFJ	YFJ
VEE	VEE	WAT	WAT	XFW	XFW	YFO	YFO
VEL	VEL	WAW	WAW	XGR	XGR	YFS	YFS
VER	VER	WBB	WBB	XIC	XIC	YGH	YGH
VFA	VFA	WBM	WBM	XIL	XIL	YGJ	YGJ
VGA	VGA	WDH	WDH	XIY	SIA	YGK	YGK
VGO	VGO	WEF	WEF	XJD	XJD	YGL	YGL
VGZ	VGZ	WEH	WEH	XKH	XKH	YGP	YGP
VHC	VHC	WEI	WEI	XKS	XKS	YGR	YGR
VHM	VHM	WGA	WGA	XMH	XMH	YGT	YGT
VHV	VHV	WGP	WGP	XMN	XMN	YGV	YGV
VHZ	VHZ	WHK	WHK	XMS	XMS	YGW	YGW
VIE	VIE	WIC	WIC	XNA	FYV	YGX	YGX
VIG	VIG	WIL	NBO	XNN	XNN	YGZ	YGZ
VII	VII	WIN	WIN	XQP	XQP	YHD	YHD
VIL	VIL	WJR	WJR	XRY	XRY	YHI	YHI
VIR	VIR	WJU	WJU	XSB	XSB	YHK	YHK
VIS	VIS	WKJ	WKJ	XSC	XSC	YHM	YHM
VIX	VIX	WLE	WLE	XUZ	XUZ	YHO	YHO
VKG	VKG	WLG	WLG	YAA	YAA	YHP	YHP
VKO	MOW	WLH	WLH	YAB	YAB	YHR	YHR
VKT	VKT	WLK	WLK	YAC	YAC	YHU	YMQ
VLC	VLC	WLP	WLP	YAG	YAG	YHY	YHY
VLD	VLD	WLS	WLS	YAK	YAK	YHZ	YHZ
VLG	VLG	WMI	WMI	YAM	YAM	YIC	YIC
VLI	VLI	WMN	WMN	YAP	YAP	YIE	YIE
VLL	VLL	WMO	WMO	YAT	YAT	YIF	YIF
VLN	VLN	WMR	WMR	YAX	YAX	YIH	YIH
VLY	VLY	WMX	WMX	YAY	YAY	YIK	YIK

Airport Code	City Code						
YIN	YIN	YQQ	YQQ	YXT	YXT	ZMT	ZMT
YIO	YIO	YQR	YQR	YXU	YXU	ZNA	ZNA
YIW	YIW	YQT	YQT	YXX	YXX	ZND	ZND
YJT	YJT	YQU	YQU	YYX	YYX	ZNE	ZNE
YKA	YKA	YQX	YQX	YYB	YYB	ZNZ	ZNZ
YKF	YKF	YQY	YQY	YYC	YYC	ZOS	ZOS
YKG	YKG	YQZ	YQZ	YYD	YYD	ZPB	ZPB
YKL	YKL	YRA	YRA	YYE	YYE	ZQN	ZQN
YKM	YKM	YRB	YRB	YYF	YYF	ZQZ	ZQZ
YKQ	YKQ	YRG	YRG	YYG	YYG	ZRH	ZRH
YKS	YKS	YRL	YRL	YYH	YYH	ZRJ	ZRJ
YKU	YKU	YRT	YRT	YYJ	YYJ	ZSA	ZSA
YLC	YLC	YSB	YSB	YYQ	YYQ	ZSE	ZSE
YLE	YLE	YSG	YSG	YYR	YYR	ZSJ	ZSJ
YLH	YLH	YSJ	YSJ	YYT	YYT	ZTA	ZTA
YLL	YLL	YSK	YSK	YYU	YYU	ZTB	ZTB
YLW	YLW	YSM	YSM	YYY	YYY	ZTH	ZTH
YMK	YMK	YSO	YSO	YYZ	YTO	ZUH	ZUH
YMM	YMM	YSY	YSY	YZF	YZF	ZUM	ZUM
YMN	YMN	YTE	YTE	YZG	YZG	ZVK	ZVK
YMO	YMO	YTG	YTG	YZP	YZP	ZYI	ZYI
YMP	YMP	YTH	YTH	YZR	YZR	ZYL	ZYL
YMT	YMT	YTL	YTL	YZS	YZS		
YMX	YMQ	YTM	YTM	YZT	YZT		
YNA	YNA	YTQ	YTQ	YZV	YZV		
YNB	YNB	YTS	YTS	YZY	YZY		
YNC	YNC	TYT	TYT	YZZ	YZZ		
YND	YND	YTZ	YTO	ZAD	ZAD		
YNG	YNG	YUB	YUB	ZAG	ZAG		
YNJ	YNJ	YUD	YUD	ZAH	ZAH		
YNO	YNO	YUL	YMQ	ZAJ	ZAJ		
YNP	YNP	YUM	YUM	ZAL	ZAL		
YNS	YNS	YUS	YUS	ZAM	ZAM		
YNT	YNT	YUT	YUT	ZAT	ZAT		
YNY	YNY	YUX	YUX	ZAZ	ZAZ		
YNZ	YNZ	YUY	YUY	ZBF	ZBF		
YOJ	YOJ	YVB	YVB	ZBL	ZBL		
YOL	YOL	YVM	YVM	ZBR	ZBR		
YOP	YOP	YVO	YVO	ZCL	ZCL		
YOW	YOW	YVP	YVP	ZCO	ZCO		
YPC	YPC	YVQ	YVQ	ZDY	ZDY		
YPH	YPH	YVR	YVR	ZEL	ZEL		
YPJ	YPJ	YVZ	YVZ	ZEM	ZEM		
YPL	YPL	YWB	YWB	ZFM	ZFM		
YPM	YPM	YWG	YWG	ZFN	ZFN		
YPO	YPO	YWH	YYJ	ZGS	ZGS		
YPR	YPR	YWJ	YWJ	ZGU	ZGU		
YPW	YPW	YWK	YWK	ZHA	ZHA		
YPX	YPX	YWL	YWL	ZHY	ZHY		
YPY	YPY	YWP	YWP	ZIG	ZIG		
YQB	YQB	YXC	YXC	ZIH	ZIH		
YQC	YQC	YXE	YXE	ZIX	ZIX		
YQD	YQD	YXH	YXH	ZKE	ZKE		
YQF	YQF	YXJ	YXJ	ZKG	ZKG		
YQG	YQG	YXL	YXL	ZKP	ZKP		
YQK	YQK	YXN	YXN	ZLO	ZLO		
YQL	YQL	YXP	YXP	ZLT	ZLT		
YQM	YQM	YXS	YXS	ZLX	ZLX		