

Database Manual

2002-2017 Data

ATRS AIRPORT DATABASES

Air Transport Research Society (ATRS)

David B. O'Maley College of Business

Embry-Riddle Aeronautical University

600 S. Clyde Morris Blvd,

Daytona Beach, FL 32114, USA

Email: benchmarking@atrsworld.org

ABSTRACT

The Airport Transport Research Society (ATRS) Databases are created and maintained by the Airport Transport Research Society, headquartered at College of Business, Embry-Riddle Aeronautical University. Airport performance data is the most comprehensive data for systematic analysis of airports' current and past performance, and covers 200+ airports in the following geographic regions:

- 1) Asia Pacific
- 2) Europe
- 3) North America

The database currently consists of data from financial year (FY) 2002 to 2017. Each file is organized by alphabetical order according to the airport code. Please refer to Appendix A for a list of the airports codes used.

In each of the region's databases, the following files are included:

- 1) Airport Information File
- 2) Aeronautical Revenue
- 3) Non-Aeronautical Revenue
- 4) Operating Expense
- 5) Balance Sheet
- 6) Traffic

For the Asia Pacific and Europe files, the files that include financial data have been conveniently converted to USD figures under the following files:

- 7) Aeronautical Revenue USD
- 8) Non-Aeronautical Revenue USD
- 9) Operating Expense USD
- 10) Balance Sheet USD

Subscription is based on a region-by-region basis. Annual updates will be available around August of each year, for an additional fee. Please note that there is 2 years lag in our latest financial data. For instance, in August 2012, the update is available for FY2010 data.

The data included are collected mainly from annual reports published by individual airport and airport groups, direct request information from the airports, the Federal Aviation Administration (FAA), and the respective airport websites.

ATRS would like to thank the ATRS task force members, networking committee members and all parties who support ATRS in various ways including render their help to obtain the valuable data for us.

The data compiled into the ATRS Databases are as complete and accurate as to our best understanding. Please be informed that the data elements outlined in this manual may not be available for some airports, please check with us for more details. Should there be any discrepancies in the data, kindly contact us. We accept no liability for the accuracy of the database information and data sale is considered final and non-refundable upon delivery of the data file.

For any questions regarding the ATRS Databases, please contact:

Air Transport Research Society (ATRS)

David B O'Maley College of Business
Embry-Riddle Aeronautical University
600 S. Clyde Morris Blvd,
Daytona Beach, FL 32114, USA

Phone: (386) 226 7214

Email: dbatrs@erau.edu or: Benchmarking@atrsworld.org

TABLE OF CONTENTS

ABSTRACT	ii
I. FILE STRUCTURE	1
Introduction	2
1. Airport Information File	3
2. Aeronautical Revenue File	4
3. Non-Aeronautical Revenue File	5
4. Operating Expense File	6
5. Balance Sheet File	7
6. Traffic File	8
II. DATA DEFINITION	9
APPENDICES	20
Appendix A – Airport Codes	21

FILE STRUCTURE

INTRODUCTION

This section contains the file structures of the 6 primary files included in each region’s database.

As there are 3 databases in total, one for each region, the naming convention of using a 2-letter code to distinguish between the different region’s files has been used. This code will precede the dataset name given to the file. For example, the Airport Information File in the Asia Pacific database would have the dataset name “APAirportInfo.”

<u>Region</u>	<u>Region Code</u>
Asia Pacific	AP
Europe	EU
North America	NA

The 6 primary files, which are included in all 3 databases, include the following:

<u>File Name</u>	<u>Dataset Name</u>
Airport Information File	_ _ AirportInfo
Aeronautical Revenue File	_ _ AeroRev
Non-Aeronautical Revenue File	_ _ NonAeroRev
Operating Expense File	_ _ OpExpense
Balance Sheet File	_ _ BalanceSheet
Traffic File	_ _ Traffic

The additional 4 files, which pertain only to the Asia Pacific and Europe databases, have the same file structure as the above file. The only difference is in the data, where the figures are reported under the U.S. Dollar.

<u>File Name</u>	<u>Dataset Name</u>
Aeronautical Revenue USD File	_ _ AeroRevUSD
Non-Aeronautical Revenue USD File	_ _ NonAeroRevUSD
Operating Expense USD File	_ _ OpExpenseUSD
Balance Sheet USD File	_ _ BalanceSheetUSD

Primary file contains data elements. For example, Airport Information File contains data elements of # of Runways, Terminal Size and etc. As the data are collected throughout the years, in order to distinguish between the years, the last 2 digits of the year are included at the end of each data element’s field name.

AIRPORT INFORMATION FILE

This file contains the general information of an airport. Description of the Airport Codes can be found in Appendix A. Detailed information on the airports can be found in Appendix D.

For each of the numerical data elements, two digits will be added at the end of the field name to indicate the year the data represents. For example, #Runways02 represents the ‘number of runways’ for 2002.

Dataset Name: __ AirportInfo
 Sequence: Airport Code (ascending)

<u>Data Element Name</u>	<u>Field Name</u>	<u>Data Type</u>	<u>Comments</u>
Airport Code	Code	L	
# of Runways	#Runways __	N	
Terminal Size	TerminalSize __	N	Unit: m ²
# of Gates	#Gates __	N	
# of Employees	#Employees __	N	
Ownership	Ownership__	C	In dummy variables 1 to 6. See pg. 15 for definitions.
Dominant Carrier	Dominant Carrier	L	

AERONAUTICAL REVENUE FILE

This file contains the aeronautical revenue generated by the airport (airport group).

For each of the numerical data elements, two digits will be added at the end of the field name to indicate the year the data represents. For example, LandingFee02 represents the 'landing fee' for 2002.

Dataset Name: __ AeroRev
 Sequence: Airport Code (ascending)

<u>Data Element Name</u>	<u>Field Name</u>	<u>Data Type</u>	<u>Comments</u>
Airport Code	Code	L	
Currency	Currency	C	
Landing Fee	LandingFee __	N	
Terminal Fee	TerminalFee __	N	
Other	OtherAeroRev __	N	
Total Aeronautical Operating Revenue	TotalAeroRev __	N	

NON-AERONAUTICAL REVENUE FILE

This file contains the non-aeronautical related revenue generated by the airport (airport group).

For each of the numerical data elements, two digits will be added at the end of the field name to indicate the year the data represents. For example, TotalConRev02 represents the total concession revenue for 2002.

Dataset Name: __ NonAeroRev
 Sequence: Airport Code (ascending)

<u>Data Element Name</u>	<u>Field Name</u>	<u>Data Type</u>	<u>Comments</u>
Airport Code	Code	L	
Currency	Currency	C	
<i>Food and Beverage</i>	<i>Food __</i>	<i>N</i>	<i>For NA only</i>
<i>Retail</i>	<i>Retail __</i>	<i>N</i>	<i>For NA only</i>
<i>Rental Car</i>	<i>RentalCar __</i>	<i>N</i>	<i>For NA only</i>
<i>Other Concession Revenue</i>	<i>OtherConRev __</i>	<i>N</i>	<i>For NA only</i>
Total Concession Revenue	TotalConRev __	N	
Land and Property	Land __	N	
Parking	Parking __	N	
<i>Ground Handling</i>	<i>GroundHandling__</i>	<i>N</i>	<i>For AP and EU only</i>
Other	OtherNonAeroRev __	N	
Total Non-Aeronautical Operating Revenue	TotalNonAeroRev __	N	
Total Operating Revenue	TotalOpRev __	N	
AIF or PFC	AIFPFC __	N	
Aeronautical Security Recovery	AeroSecurity __	N	

OPERATING EXPENSE FILE

This file contains the operating expenses incurred by the airport (airport group) in the given year.

For each of the numerical data elements, two digits will be added at the end of the field name to indicate the year the data represents. For example, Personnel02 represents the 'personnel' expenses for 2002.

Dataset Name: __ OpExpense
 Sequence: Airport Code (ascending)

<u>Data Element Name</u>	<u>Field Name</u>	<u>Data Type</u>	<u>Comments</u>
Airport Code	Code	L	
Currency	Currency	C	
Personnel	Personnel __	N	
<i>Contractual Services</i>	<i>ContractService __</i>	<i>N</i>	<i>For NA only</i>
<i>Security Costs</i>	<i>SecurityCosts __</i>	<i>N</i>	<i>For NA only</i>
<i>Other</i>	<i>OtherCosts __</i>	<i>N</i>	<i>For NA only</i>
Total Operating Expenses	TotalOpExp __	N	
Net Operating Income Exc. Depreciation	NetOpIncome __	N	
<i>Ground Rent (Transfer to City)</i>	<i>GroundRent __</i>	<i>N</i>	<i>For NA only</i>
Depreciation	Depreciation __	N	
<i>Net Interest Expense</i>	<i>NetInterestExp __</i>	<i>N</i>	<i>For NA only</i>
<i>Other Non-Operating Expenses</i>	<i>OtherNonOpExp __</i>	<i>N</i>	<i>For NA only</i>
<i>Total Non-Operating Expenses</i>	<i>TotalNonOpExp __</i>	<i>N</i>	<i>For NA only</i>
<i>Total Expenses</i>	<i>TotalExp __</i>	<i>N</i>	<i>For NA only</i>
<i>Net Income (Change in net assets)</i>	<i>NetIncome __</i>	<i>N</i>	<i>For NA only</i>
<i>EBIT</i>	<i>EBIT __</i>	<i>N</i>	<i>For NA only</i>
EBITDA	EBITDA __	N	

BALANCE SHEET FILE

This file contains the balance sheet information published by the airport (airport group). Information regarding the assets, liabilities, and retained earnings can be found.

For each of the numerical data elements, two digits will be added at the end of the field name to indicate the year the data represents. For example, CurrentAssets02 represents the ‘current assets’ for 2002.

Dataset Name: __BalanceSheet
 Sequence: Airport Code (ascending)

<u>Data Element Name</u>	<u>Field Name</u>	<u>Data Type</u>	<u>Comments</u>
Airport Code	Code	L	
Currency	Currency	C	
Current Assets	CurrentAssets __	N	
Total Assets	TotalAssets __	N	
Current Liabilities	CurrentLiabilities __	N	
Long-Term Liabilities	LongTermLiabilities __	N	
Total Liabilities	TotalLiabilities __	N	
<i>Retained Earnings (Net Assets)</i>	<i>RetainedEarnings __</i>	<i>N</i>	<i>For AP and NA only</i>
<i>Total Equity</i>	<i>TotalEquity __</i>	<i>N</i>	<i>For AP and EU only</i>
<i>Contributed Equity / Common Stock</i>	<i>ContributedEquity __</i>	<i>N</i>	<i>For AP only</i>

TRAFFIC FILE

This file contains the traffic experienced by the airport (airport group) in the given year.

For each of the numerical data elements, two digits will be added at the end of the field name to indicate the year the data represents. For example, PsgInternational02 represents the ‘passengers international’ for 2002.

Dataset Name: __ Traffic
 Sequence: Airport Code (ascending)

<u>Data Element Name</u>	<u>Field Name</u>	<u>Data Type</u>	<u>Comments</u>
Airport Code	Code	L	
Passengers International	PsgInternational __	N	
Passengers Domestic	PsgDomestic __	N	
Passengers Total	PsgTotal __	N	
Cargo Total	CargoTotal __	N	Unit: metric tons
Air Movements	AirMovements __	N	
WLU	WLU __	N	

DATA DEFINITION

AeroSecurity

DATA TYPE: Numerical
DESCRIPTION: This item reports the security recovery fees.
FOUND IN: NonAeroRev

AirMovements

DATA TYPE: Numerical
DESCRIPTION: This item reports the number of aircraft movements at the airport.
FOUND IN: Traffic

AIFPFC

DATA TYPE: Numerical
DESCRIPTION: This item reports the airport improvement fee and passenger facility charges.
FOUND IN: NonAeroRev

CargoTotal

DATA TYPE: Numerical
DESCRIPTION: This item reports the cargo transported at the airport, including both freight and mail.
Unit of measure is metric tons.
FOUND IN: Traffic

Code

DATA TYPE: Label
DESCRIPTION: See Appendix A for detailed information
FOUND IN: AirportInfo, AeroRev, NonAeroRev, OpExpense, BalanceSheet, Traffic

ContractService

DATA TYPE: Numerical
DESCRIPTION: This item reports the amount spent on contractual, outsourced or external services.
FOUND IN: OpExpense

ContributedEquity

DATA TYPE: Numerical
DESCRIPTION: This item reports the total equity for the airport.
FOUND IN: BalanceSheet

Currency

DATA TYPE: Categorical
DESCRIPTION: This item reports the currency in which the data in this field is inputted.
FOUND IN: AeroRev, NonAeroRev, OpExpense, BalanceSheet

CurrentAssets

DATA TYPE: Numerical
DESCRIPTION: This item reports the current assets of the airport.
FOUND IN: BalanceSheet

CurrentLiabilities

DATA TYPE: Numerical
DESCRIPTION: This item reports the current liabilities of the airport.
FOUND IN: BalanceSheet

Depreciation

DATA TYPE: Numerical
DESCRIPTION: This item reports depreciation.
FOUND IN: OpExpense

Dominant Carrier

DATA TYPE: Label
DESCRIPTION: The carrier that has the largest share of scheduled departure seats in October.
FOUND IN: AirportInfo

Food

DATA TYPE: Numerical
DESCRIPTION: This item reports the revenue generated from food and beverage concessions for the airport.
FOUND IN: NonAeroRev

GroundHandling

DATA TYPE: Numerical
DESCRIPTION: This item reports the revenue generated from aircraft ground handling.
FOUND IN: NonAeroRev

GroundRent

DATA TYPE: Numerical
DESCRIPTION: Ground rent paid to government. Only applicable to Canadian airports.
FOUND IN: OpExpense

Land

DATA TYPE: Numerical
DESCRIPTION: This item reports the revenue generated by the land and property fees, usually in the form of rent or income from operational facilities and utilities.

FOUND IN: NonAeroRev

LandingFee

DATA TYPE: Numerical

DESCRIPTION: This item reports the value of aeronautical revenue obtained from the airport's landing fee charges. When the revenue from landing fees is not explicitly stated, it is calculated by an estimated share of aeronautical revenue using the number of passengers per aircraft movement and the landing and parking fee structures of the airport.

FOUND IN: AeroRev

LongTermLiabilities

DATA TYPE: Numerical

DESCRIPTION: This item reports the long-term liabilities of the airport.

FOUND IN: BalanceSheet

NetIncome

DATA TYPE: Numerical

DESCRIPTION: This item reports the net income for the airport.

FOUND IN: OpExpense

NetInterestExp

DATA TYPE: Numerical

DESCRIPTION: This item reports the net interest expense. Represents the difference between interest expense and interest income, or net financing costs.

FOUND IN: OpExpense

#Employees

DATA TYPE: Numerical

DESCRIPTION: This item reports the average number of full time equivalent employees employed at the airport during the year.
 FOUND IN: AirportInfo

#Gates

DATA TYPE: Numerical
 DESCRIPTION: This item reports the number of gates the airport contains.
 FOUND IN: AirportInfo

#Runways

DATA TYPE: Numerical
 DESCRIPTION: This item reports the number of runways the airport contains.
 FOUND IN: AirportInfo

OtherAeroRev

DATA TYPE: Numerical
 DESCRIPTION: This item reports other aeronautical fees the airport charges.
 FOUND IN: AeroRev

OtherConRev

DATA TYPE: Numerical
 DESCRIPTION: This item reports the revenue from other concession services.
 FOUND IN: NonAeroRev

OtherCosts

DATA TYPE: Numerical
 DESCRIPTION: This item reports other expenses the airport incurred.
 FOUND IN: OpExpense

OtherNonAeroRev

DATA TYPE: Numerical
DESCRIPTION: This item reports other non-aeronautical revenue generated.
FOUND IN: NonAeroRev

OtherNonOpExp

DATA TYPE: Numerical
 DESCRIPTION: This item reports other non-operating expenses
 FOUND IN: OpExpense

Ownership

DATA TYPE: Categorical

DESCRIPTION: We classify the airports in to the following categories that are reflected by ownership dummy variables:

Asia Pacific & Europe Region:

1. Majority private ownership including 100% private ownership, i.e., private-government mixed ownership with private majority (private majority)
2. Government-private mixed ownership with a government majority (government majority)
3. 100% government corporation ownership/management/operation (public corp.)

North America Region:

4. Government ownership but contracted out to an independent and autonomous management authority via a long term lease (authority)
5. Government ownership and a branch of government operates airport including US city owned airports (government branch)
6. Quasi-public port authorities (in the US) that operate both seaports and airports (US port authority)

FOUND IN: AirportInfo

Parking

DATA TYPE: Numerical
 DESCRIPTION: This item reports the revenue from car parking fees charged at the airport.
 FOUND IN: NonAeroRev

Personnel

DATA TYPE: Numerical

DESCRIPTION: This item reports the amount spent on airport personnel including wages and salaries, pension expenses and other staff costs. If the airport is listed under an authority and does not list their individual personnel expenses, the item is calculated using a share of the authority's personnel expenses based on the number of employees at the airport relative to the total number of employees in the authority.

FOUND IN: OpExpense

PsgDomestic

DATA TYPE: Numerical

DESCRIPTION: This item reports the number of domestic passengers.

FOUND IN: Traffic

PsgInternational

DATA TYPE: Numerical

DESCRIPTION: This item reports the number of international passengers.

FOUND IN: Traffic

PsgTotal

DATA TYPE: Numerical

DESCRIPTION: This item reports the total number of passengers.

FOUND IN: Traffic

RentalCar

DATA TYPE: Numerical

DESCRIPTION: This item reports the revenue generated from rental car services.

FOUND IN: NonAeroRev

Retail

DATA TYPE: Numerical

DESCRIPTION: This item reports the revenue generated from retail services at the airport terminals.

FOUND IN: NonAeroRev

RetainedEarnings

DATA TYPE: Numerical
DESCRIPTION: This item reports the retained earnings of the airport.
FOUND IN: BalanceSheet

SecurityCosts

DATA TYPE: Numerical
DESCRIPTION: This item reports the amount spent on airport security.
FOUND IN: OpExpense

TerminalFee

DATA TYPE: Numerical
DESCRIPTION: This item reports the value of aeronautical revenue obtained from the airport's terminal or passenger charges. When a terminal fee is not explicitly stated, it is calculated by an estimated share of aeronautical revenue using the number of passengers per aircraft movement and the passenger fees the airport charges.
FOUND IN: AeroRev

TerminalSize

DATA TYPE: Numerical
DESCRIPTION: This item reports the size of the airport terminal. Unit of measurement is meters squared (m²).
FOUND IN: AirportInfo

TotalAeroRev

DATA TYPE: Numerical
DESCRIPTION: This item represents the total revenue from aeronautical activities. It is a sum of the revenue from landing, terminal, and other fees
FOUND IN: AeroRev

TotalAssets

DATA TYPE: Numerical
DESCRIPTION: This item reports the total assets of the airport.
FOUND IN: BalanceSheet

TotalConRev

DATA TYPE: Numerical
DESCRIPTION: This item represents the sum of the food and beverage, retail, rental car, and other concession revenue or the 'Total Revenue from Concessions' if stated in the airport's financial statements.
FOUND IN: NonAeroRev

TotalEquity

DATA TYPE: Numerical
DESCRIPTION: This item reports the total equity for the airport.
FOUND IN: BalanceSheet

TotalExp

DATA TYPE: Numerical
DESCRIPTION: This item represents the sum of the total operating and non-operating expenses.
FOUND IN: OpExpense

TotalLiabilities

DATA TYPE: Numerical
DESCRIPTION: This item reports the total liabilities of the airport.
FOUND IN: BalanceSheet

TotalNonAeroRev

DATA TYPE: Numerical
DESCRIPTION: This item represents the sum of the total concession revenue, land and property, parking and other non-aeronautical revenue.

FOUND IN: NonAeroRev

TotalNonOpExp

DATA TYPE: Numerical

DESCRIPTION: This item represents the sum of ground rent (for Canadian airports only), depreciation, net interest expense, and other non-operating expenses.

FOUND IN: OpExpense

TotalOpExp

DATA TYPE: Numerical

DESCRIPTION: This item represents the sum of personnel, contractual services, airport security, and other expenses.

FOUND IN: OpExpense

TotalOpRev

DATA TYPE: Numerical

DESCRIPTION: This item represents the sum of the total aeronautical revenue and total non-aeronautical revenue.

FOUND IN: NonAeroRev

WLU

DATA TYPE: Numerical

DESCRIPTION: This item reports the work load unit at the airport.

FOUND IN: Traffic

APPENDIX

APPENDIX A – Airport Codes

Asia Pacific			
	Code	Airport Name	City, Country
1	ADL	Adelaide International Airport	Adelaide, Australia
2	AKL	Auckland International Airport	Auckland, New Zealand
3	BKK	Suvarnabhumi Airport	Bangkok, Thailand
4	BNE	Brisbane Airport	Brisbane, Australia
5	BOM	Chhatarpati Shivaji International Airport	Mumbai, India
6	CAN	Bai Yun Airport	Guangzhou, China
7	CEI	Mae Fah Luang-Chiang Rai International Airport	Chiang Rai, Thailand
8	CGK	Jakarta Soekarno-Hatta International Airport	Jakarta, Indonesia
9	CHC	Christchurch International Airport	Christchurch, New Zealand
10	CJU	Jeju International Airport	Jeju, Korea
11	CMB	Bandaranaike International Airport	Colombo, Sri Lanka
12	CNS	Cairns International Airport	Cairns, Australia
13	CNX	Chiang Mai International Airport	Chiang Mai, Thailand
14	DEL	Indira Gandhi International Airport	New Delhi, India
15	DRW	Darwin International Airport	Darwin, Australia
16	DUD	Dunedin International Airport	Dunedin, New Zealand
17	DXB	Dubai International Airport	Dubai, UAE
18	GMP	Seoul Gimpo International Airport	Seoul, South Korea
19	GUM	Antonio B. Won Pat International Airport	Hagatna, Guam
20	HAK	Meilan International Airport	Haikou, China
21	HDY	Hat Yai International Airport	Hat Yai, Thailand
22	HKG	Hong Kong International Airport	Hong Kong, China
23	HKT	Phuket International Airport	Phuket, Thailand
24	HND	Haneda Airport	Tokyo, Japan
25	ICN	Incheon International Airport	Incheon, Korea
26	KIX	Kansai International Airport	Osaka, Japan
27	KUL	Kuala Lumpur International Airport	Kuala Lumpur, Malaysia
28	MAA	Chennai International Airport	Chennai, India
29	MEL	Melbourne Airport	Melbourne, Australia
30	MFM	Macau International Airport	Macau, China
31	MNL	Ninoy Aquino International Airport	Manila, The Philippines
32	NAN	Nadi International Airport	Nadi, Fiji
33	NGO	Central Japan International Airport	Nagoya, Japan
34	NRT	Tokyo Narita International Airport	Tokyo, Japan
35	NTL	Newcastle Airport	Newcastle, Australia
36	OOL	Gold Coast Airport	Gold Coast, Australia
37	PEK	Beijing Capital International Airport	Beijing, China
38	PEN	Penang International Airport	Penang, Malaysia
39	PER	Perth International Airport	Perth, Australia
40	PNH	Phnom Penh International Airport	Phnom Penh, Cambodia

41	PUS	Gimhae International Airport	Busan, Korea
42	PVG	Shanghai Pudong International Airport	Shanghai, China
43	REP	Siem Reap International Airport	Siem Reap, Cambodia
44	SHA	Shanghai Hongqiao International Airport	Shanghai, China
45	SIN	Singapore Changi International Airport	Singapore, Singapore
46	SUB	Juanda International Airport	Sidoarjo, Indonesia
47	SYD	Sydney Airport	Sydney, Australia
48	SZX	Shenzhen Bao'an International Airport	Shenzhen, China
49	TPE	Taiwan Taoyuan International Airport	Taipei, Taiwan
50	TSV	Townsville Airport	Townsville, Australia
51	WLG	Wellington International Airport	Wellington, New Zealand
52	XMN	Xiamen Gaoqi International Airport	Xiamen, China
53	ZQN	Queenstown Airport	Frankton, New Zealand

Asia Pacific - Major Airport Authorities			
	Code	Authority Name	Country
G1	AAI	Airports Authority of India	India
G2	ADG	Airport Development Group	Australia
G3	AOT	Airports of Thailand Public Company Limited	Thailand
G4	APAC	Australia Pacific Airports Corporation	Australia
G5	API	P.T. (Persero) Angkasa Pura I	Indonesia
G6	APII	P.T. (Persero) Angkasa Pura II	Indonesia
G7	KAC	Korea Airports Corporation	Korea
G8	MAHB	Malaysia Airports Holding Behard	Malaysia
G9	QAL	Queensland Airport Limited	Australia

Europe			
	Airport Code	Airport Name	City, Country
54	AGP	Malaga-Costa del Sol Airport	Malaga, Spain
55	ALC	Alicante Airport	El Altet - Torrellano, Spain
56	AMS	Amsterdam Airport Schiphol	Amsterdam, The Netherlands
57	ARN	Stockholm-Arlanda Airport	Stockholm, Sweden
58	ATH	Athens International Airport	Athens, Greece
59	BCN	Barcelona El Prat Airport	Barcelona, Spain
60	BEG	Belgrade Nikola Tesla Airport	Belgrade, Serbia
61	BGY	Bergamo-Orio al Serio Airport	Bergamo, Italy
62	BHX	Birmingham Airport	Birmingham, England
63	BLQ	Bologna Airport	Bologna, Italy
64	BRS	Bristol Airport	Lulsgate Bottom, England
65	BRU	Brussels Airport	Brussels, Belgium
66	BSL	EuroAirport Basel-Mulhouse-Freiburg	Basel, Switzerland
67	BTS	Bratislava Milan Rastislav Stefanik Airport	Bratislava, Slovakia
68	BUD	Budapest Ferenc Liszt International Airport	Budapest, Hungary
69	CDG	Paris Charles de Gaulle Airport	Paris, France
70	CGN	Cologne/Bonn Konrad Adenauer Airport	Cologne, Germany
71	CIA	Rome Ciampino Airport	Rome, Italy
72	CPH	Copenhagen Airport Kastrup	Copenhagen, Denmark
73	DUB	Dublin Airport,	Dublin, Ireland
74	DUS	Düsseldorf International Airport	Düsseldorf, Germany
75	EDI	Edinburgh Airport	Edinburgh, Scotland
76	FCO	Rome Leonardo Da Vinci/Fiumicino Airport	Rome, Italy
77	FRA	Frankfurt Airport	Frankfurt, Germany
78	GLA	Glasgow Airport	Renfrewshire, Scotland
79	GVA	Genève Aéroport	Geneva, Switzerland
80	HAJ	Hannover Airport	Langenhagen, Germany
81	HAM	Hamburg Airport	Hamburg, Germany
82	HEL	Helsinki Vantaa Airport	Helsinki, Finland
83	IST	Istanbul Atatürk Airport	Istanbul, Turkey
84	KBP	Kiev Boryspil International Airport	Kiev, Ukraine
85	KEF	Keflavik International Airport	Reykjanesbaer, Iceland
86	LED	Pulkovo Airport	Saint Petersburg, Russia
87	LGW	London Gatwick International Airport	London, England
88	LHR	London Heathrow Airport	London, England
89	LIN	Milan Linate Airport	Milan, Italy
90	LIS	Lisbon Portela Airport	Lisbon, Portugal
91	LJU	Ljubljana Jože Pučnik Airport	Ljubljana, Slovenia
92	LPA	Gran Canaria Airport	Teldi, Spain
93	LTN	London Luton Airport	London, England
94	LUX	Luxembourg Airport	Findel, Luxembourg
95	LYS	Lyon-Saint Exupery Airport	Colombier-Saugnieu, France

96	MAD	Madrid Barajas Airport	Madrid, Spain
97	MAN	Manchester Airport	Manchester, England
98	MLA	Malta International Airport	Valletta, Malta
99	MUC	Munich Airport	Munich, Germany
100	MPX	Milan Malpensa Airport	Milan, Italy
101	NAP	Naples International Airport	Naples, Italy
102	NCE	Nice Cote D'Azur Airport	Nice, France
103	OPO	Porto Airport	Porto, Portugal
104	ORY	Paris Orly Airport	Paris, France
105	OSL	Oslo Airport Gardermoen	Oslo, Norway
106	PMI	Palma de Mallorca Airport	Palma de Mallorca, Spain
107	PRG	Prague International Airport	Prague, Czech Republic
108	RIX	Riga International Airport	Riga, Latvia
109	SAW	Istanbul Sabiha Gökçen International Airport	Istanbul, Turkey
110	SOF	Sofia Airport	Sofia, Bulgaria
111	STN	London Stansted Airport	London, England
112	STR	Stuttgart Airport	Stuttgart, Germany
113	SXF	Berlin Schönefeld Airport	Berlin, Germany
114	SZG	Salzburg W.A. Mozart Airport	Salzburg, Austria
115	TLL	Lennart Meri Tallinn Airport	Tallinn, Estonia
116	TLV	Ben Gurion International Airport	Tel Aviv, Israel
117	TRN	Turin Caselle Airport	Turin, Italy
118	TXL	Berlin Tegel Airport	Berlin, Germany
119	VCE	Venice Marco Polo Airport	Venice, Italy
120	VIE	Vienna International Airport	Vienna, Austria
121	WAW	Warsaw Chopin Airport	Warsaw, Poland
122	ZAG	Zagreb Airport	Zagreb, Croatia
123	ZRH	Zurich Airport	Zurich, Switzerland

Europe - Major Airport Authorities			
Airport Code	Authority Name		Country
G10	ADP	Aeroports de Paris	France
G11	ADR	Aeroporti di Roma	Italy
G12	AENA	Aeropuertos Espanoles y Navegacion Aerea	Spain
G13	ANA	Aeroportos de Portugal	Portugal
G14	Avinor	Avinor Group	Norway
G15	Berlin	Berlin Airports	Germany
G16	DAA	Dublin Airport Authority	Ireland
G17	Finavia	Finavia Oyj	Finland
G18	Fraport	Fraport AG	Germany
G19	Heathrow	Heathrow Airport Holdings Limited	United Kingdom
G20	Isavia	Isavia	Iceland
G21	MAG	Manchester Airports Group	United Kingdom

G22	Schiphol	Schiphol Group	The Netherlands
G23	SEA	Società Enti Aeroportuali (SEA) Aeroporti di Milano	Italy
G24	Swedavia	Swedavia	Sweden
G25	TAV	TAV Airports Holding	Turkey

North America - United States			
	Code	Airport Name	City, State
124	ABQ	Albuquerque International Sunport	Albuquerque, New Mexico
125	ALB	Albany International Airport	Albany, New York
126	ANC	Ted Stevens Anchorage International Airport	Anchorage, Alaska
127	ATL	Hartsfield-Jackson Atlanta International Airport	Atlanta, Georgia
128	AUS	Austin Bergstrom Airport	Austin, Texas
129	BDL	Bradley International Airport	Windsor Locks, Connecticut
130	BNA	Nashville International Airport	Nashville, Tennessee
131	BOS	Boston Logan International Airport	Boston, Massachusetts
132	BUR	Bob Hope Airport	Burbank, California
133	BWI	Baltimore Washington International Airport	Baltimore, Maryland
134	CLE	Cleveland-Hopkins International Airport	Cleveland, Ohio
135	CLT	Charlotte Douglas International Airport	Charlotte, North Carolina
136	CMH	Port Columbus International Airport	Columbus, Ohio
137	CVG	Cincinnati/Northern Kentucky International Airport	Cincinnati, Ohio
138	DAL	Dallas Love Field Airport	Dallas, Texas
139	DCA	Ronald Reagan Washington National Airport	Washington, DC
140	DEN	Denver International Airport	Denver, Colorado
141	DFW	Dallas Forth Worth International Airport	Dallas, Texas
142	DTW	Detroit Metropolitan Wayne County Airport	Detroit, Michigan
143	EWR	Newark Liberty International Airport	Newark, New Jersey
144	FLL	Fort Lauderdale Hollywood International Airport	Ft. Lauderdale, Florida
145	HNL	Honolulu International Airport	Honolulu, Hawaii
146	HOU	William P. Hobby Airport	Houston, Texas
147	IAD	Washington Dulles International Airport	Washington, DC
148	IAH	George Bush Intercontinental Airport	Houston, Texas
149	IND	Indianapolis International Airport	Indianapolis, Indiana
150	JAX	Jacksonville International Airport	Jacksonville, Florida
151	JFK	New York-John F. Kennedy International Airport	New York, New York
152	LAS	Las Vegas McCarran International Airport	Las Vegas, Nevada
153	LAX	Los Angeles International Airport	Los Angeles, California
154	LGA	LaGuardia International Airport	New York, New York
155	MCI	Kansas City International Airport	Kansas City, Missouri
156	MCO	Orlando International Airport	Orlando, Florida
157	MDW	Chicago Midway Airport	Chicago, Illinois
158	MEM	Memphis International Airport	Memphis, Tennessee
159	MIA	Miami International Airport	Miami, Florida
160	MKE	General Mitchell International Airport	Milwaukee, Wisconsin
161	MSP	Minneapolis/St. Paul International Airport	Minneapolis, Minnesota
162	MSY	Louis Armstrong New Orleans International Airport	New Orleans, Louisiana
163	OAK	Oakland International Airport	Oakland, California

164	OKC	Will Rogers World Airport	Oklahoma City, Oklahoma
165	ONT	LA/Ontario International Airport	Ontario, California
166	ORD	Chicago O'Hare International Airport	Chicago, Illinois
167	PBI	Palm Beach International Airport	West Palm Beach, Florida
168	PDX	Portland International Airport	Portland, Oregon
169	PHL	Philadelphia International Airport	Philadelphia, Pennsylvania
170	PHX	Phoenix Sky Harbor International Airport	Phoenix, Arizona
North America - United States			
Code	Airport Name		City, State
171	PIT	Pittsburgh International Airport	Pittsburgh, Pennsylvania
172	PVD	Theodore Francis Green State Airport	Warwick, Rhode Island
173	RDU	Raleigh-Durham International Airport	Raleigh, North Carolina
174	RIC	Richmond International Airport	Richmond, Virginia
175	RNO	Reno/Tahoe International Airport	Reno, Nevada
176	RSW	Southwest Florida International Airport	South Fort Myers, Florida
177	SAN	San Diego International Airport	San Diego, California
178	SAT	San Antonio International Airport	San Antonio, Texas
179	SDF	Louisville International-Standiford Field	Louisville, Kentucky
180	SEA	Seattle-Tacoma International Airport	Seattle, Washington
181	SFO	San Francisco International Airport	San Francisco, California
182	SJC	Norman Y. Mineta San José International Airport	San José, California
181	SLC	Salt Lake City International Airport	Salt Lake City, Utah
182	SMF	Sacramento International Airport	Sacramento, California
183	SNA	John Wayne Orange County Airport	Costa Mesa, California
184	STL	St. Louis-Lambert International Airport	St. Louis, Missouri
185	TPA	Tampa International Airport	Tampa, Florida
186	TUL	Tulsa International Airport	Tulsa, Oklahoma
187	TUS	Tucson International Airport	Tucson, Arizona
North America - Canada			
Code	Airport Name		City, Province
188	YEG	Edmonton International Airport	Edmonton, Alberta
189	YHZ	Halifax Stanfield International Airport	Halifax, Nova Scotia
190	YOW	Ottawa Macdonald-Cartier International Airport	Ottawa, Ontario
191	YQR	Regina International Airport	Regina, Saskatchewan
192	YUL	Montréal-Pierre Elliott Trudeau International Airport	Montréal, Québec
193	YVR	Vancouver International Airport	Vancouver, British Columbia
194	YWG	Winnipeg James Armstrong Richardson International Airport	Winnipeg, Manitoba
195	YYC	Calgary International Airport	Calgary, Alberta
196	YYJ	Victoria International Airport	Victoria, British Columbia
197	YYT	St. John's International Airport	St. John's, Newfoundland
198	YYZ	Toronto Lester B. Pearson International Airport	Toronto, Ontario