OAG FV XML for FIDS Integration Guide

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1. Introduction

FlightView's FVXML for FIDS Data Feed enables customers to integrate FlightView's robust, real-time flight information to build simple, informative flight information displays for use in airports, Hotels, restaurants and convention centers.

The FVXML for FIDS Data feed covers all commercial flights.

Data is provided on a query response basis with separate queries required for each target airport and arrivals or departures.

The query results include a spectrum of valuable information about a flight. There is standard information concerning departure and arrival airports and times (scheduled, estimated, actual), but also there is codeshare information, delay and cancellation status, diversion and recovery detail and gate assignments.

2. FlightView XML Servers

The FlightView XML Servers support the FVXML for FIDS Data Feed by receiving customer queries and sending back responses. Queries and responses are made via the Internet, using http protocol.

The XML Servers are in a secure co-location facility with 24/7 support and 99% plus uptime. They are load-balanced to ensure fast responses to customer queries.

3. Standard Use Cases

Departing Flights
Prepare a list of flights leaving a specific airport within the next 3 hours
Facilities further from the airport may wish to have a longer or later time window – for example a hotel over an hour from the airport may want to show flights departing 0 to 6 hours from now.
Include code-share flights so that customers can find flights they purchased from marketing partners of the operating airlines (for example, foreign domestic carriers often have code share numbers flights operated by domestic branded carriers – for example AA1 from JFK to LAX is also BA 4101)
Exclude code share flights to keep the list short and easy to read.

Arriving Flights
Prepare a list of flights leaving a specific airport within the next 4 hours

4. Query Format

Queries are submitted to the FlightView XML Servers via the HTTP protocol, with a request method set to a GET type. Queries contain both *request* parameters and *response* **parameters**. In addition, FlightView maintins a set of **customer configuration parameters** which control certain aspects of the response.

A sample query, illustrating these different parameters is the following:

```
http://xml.flightview.com/fvFIDSXMLConsistent/fvXML.exe?'request
parameters'&'response parameters'
```

The **request** parameters describe the flight(s) of interest (e.g. departure airport, date, etc.) while the **response** parameters control some of the information included in the query results (e.g. format of dates/times). The order in which the parameters are listed does not matter. In the next sections the complete list of request and response parameters are described, but as an introduction to them, a sample query is as follows:

http://xml.flightview.com/fvCompanyName/fvxml.exe?depap=Bos&depdate=20130619&dephr=now

where 'fvCompanyName' is specific to each customer.

In this case the **request** parameters are:
Departure airport: depap=bos
Departure Date: dedate=20130619
Departure time: dephr=now

This query is for all flights from Boston on June 19, 2013.

4.1 Request Parameters

The **request** parameters describe the flight(s) of interest. The following is a list of request parameters that may be used to specify a single flight of interest or a set of flights of interest. Different combinations of these request parameters will return a different list of flights.

	Request Parameter	Description	Format	Notes
1	DEPAP	Departure Airport	aaa	aaa is the three letter IATA airport code
2	ARRAP	Arrival Airport	aaa	aaa is the three letter IATA airport code
3	DEPDATE	Departure Date	yyyymmdd	
4	ARRDATE	Arrival Date	yyyymmdd	
5	DEPHR	Departure Hour	hhmm	hhmm is 24 hour time (default is local time to departure and arrival airports). Values range from 0000 to 2359
6	ARRHR	Arrival Hour	hhmm	hhmm is 24 hour time (default is local time to departure and arrival airports). Values range from 0000 to 2359
7	AL	Airline	aa	aa is an alphanumeric two letter IATA airline abbreviation (as shown on airline tickets); 3 letter FAA codes are not accepted for this parameter

Note that the departure parameters, or arrival parameters must be used as a set. In other words specify a departure airport, departure date, and departure time if looking for departure information.

In the next section, the recommended combinations of parameters are specified for the standard use cases described in Section 3

4.1.1 Request Parameters for Standard Use Cases

The following is a list of the use cases listed in Section 3 along with recommended request parameters.

Departing Flights

For example:
http://xml.flightview.com/fvCompanyName/fvxml.exe?depap=Bos&depdate=20130619&dephr=now

Arriving flights

List of all flights arriving to O'Hare.
http://xml.flightview.com/fvCompanyName/fvxml.exe?arrap=ORD&arrdate=20130619&arrhr=now

List of all American Airlines flights arriving to O'Hare.
http://xml.flightview.com/fvCompanyName/fvxml.exe?arrap=ORD&arrdate=20130619&arrhr=now&al=AA

4.2 Response Parameters

In each query response there are certain data elements that are included by default. In addition, there are some data elements you can choose to include in the response and there are other default data elements for which you may specify a desired format. The **response** parameters that you include in your query enable you to specify certain data you would like included in the XML response and to specify your desired format for certain data elements. The following is a list of optional response parameters that may be included in the query.

	Response Parameter	Description	Possible Values	Default Values	Notes
1	DateTimeType	Choose local airport vs UTC time format	(LOCAL, UTC)	LOCAL	UTC is coordinated universal time.
2	NumberOfFlights	Maximum number of flights in response	Integer from 1 to 600	600	If more than this number of flights are in the response, then an overflow of records error will be returned.

Any combination of these response parameters may be included in a query. If they are not included, then the default values are used.

4.3 Additional Customer Configurations

In addition to query parameters that may be used to specify the inclusion of certain data elements in the XML response as well as specify the formatting of certain parameters, there are some customer-level configurations that may be activated by the FlightView team for a given customer for similar purposes. These configurations enable the inclusion of content that is very valuable to some customers. These configuration parameters apply to the query results for all flights for a given customer.

	Configuration	Description	Possible Values	Default Values
1	Time Window	Amount of time, in hours, before and after the specified time which defines the window of flights included in the results	-1 +5 -1+11	-3 +3
2	Codeshare Information	Include operating airline and flight number for codeshares	(Include, Exclude)	Include

5. XML Response Format

The XML response sent by the FlightView XML servers consists of three sections:
• Header
• Results Status
• Flight Elements

Each of these shall be discussed in detail. For an example of an XML response, see Appendix B.

5.1 Header

The Header is in the following format:

Content-type: text/xml\n\n
<?xml version=\"1.0\" encoding=\"UTF-8\"?\n>

5.2 Results Status

The results status specifies:
• Query processing information, including the exact query submitted

Below is a sample of the results status:

```
<Result>
   <QueryProcessingStamp QueryProcessingStampId="2013-06-
   19|23:57:02|UHURA|30002:328">
      <DateTime>
         <Date>2013-06-19</Date>
         <Time>23:57:02</Time>
         <UTC/>
      </DateTime>
      <QueryServer>
         <Host>UHURA</Host>
         <XMLGenerator>
            <Name>fvXML</Name>
            <Version>3.0.0.48</Version>
```

```
            </XMLGenerator>
        </QueryServer>
        <QueryRequest>DEPAP=BOS&DEPDATE=20130619&DEPHR=NOW</QueryReques
        t>
        <Result>
            <ResultStatus>
            <OK/>
                </ResultStatus>
            <ResultCode>0</ResultCode>
            <ResultMessage>358 flight(s) found for this
            request</ResultMessage>
        </Result>
    </QueryProcessingStamp>
```

5.3 Flight Elements

The flight elements section contains zero or more flight elements that match the submitted query. For each flight data element, the following elements exist in the schema and may be present:

Element	Description	Sample Values
AirlineCode	Two letter IATA code for Airline	AA UA DL FX
AirlineLogo	Filename for associated airline logo	AA.gif
AirlineName	Name of Airline	United Airlines, Aer Lingus
FlightNumber	Numeric Flight Number – up to 4 digits	1, 8901, 43
AirportCode	Three letter IATA code for Airport. This is the destination airport for a departure FIDS and the origin airport for an arrival FIDS.	IAH, YOW, JAX
City	Name of the City. This is the destination airport for a departure FIDS and the origin airport for an arrival FIDS.	Houston, Ottawa, Jacksonville
ScheduledTime	Scheduled Arrival time for an Arrival FIDS Scheduled Departure Time for a Departure FIDS Time is in 24hr format and is given in local time (unless UTC is requested with the DateTimeType parameter)	8:45, 21:17
EstimatedTime	For Arrival FIDS: • If the Flight is InAir this is the estimated time of arrival at the gate • If the flight has already arrived it is the actual InGate time For Departure FIDS • Prior to departure this is the estimated time of departure. • After departure this is the actual time of departure Time is in 24hr format and is given in local time (unless UTC is requested with the DateTimeType parameter)	8:45, 21:17

Codeshare	Binary Indicator. Indicates if the flight is codeshare flight operated by a different branded airline.	T
Terminal	One or two character identifier of the Terminal	2, B
Gate	Gate identifier – alphanumeric	B1, 43

Remarks	Text remarks:	For Departure FIDS values include:
		    OnTime
		    Delayed
		    Departed
		    InAir
		    Cancelled
		For Arrival FIDS values include:
		    InGate
		    Landed
		    InAir
		    Delayed
		    Cancelled
		    Departed
		    Updated

RemarksWithTime	Text remaks that include an updated time	Delayed 23:25

Appendix A: Sample Query & Response

In this appendix, a complete sample query and response for a Departure FIDS in included. Note the status of each flight data element – they are highlighted in bold.

Example 1: Simple In-Air Flight

First, here is the sample query to the FlightView XML Server:

http://xml.flightview.com/fvCompanyName/fvxml.exe?depap=DAY&depdate=20130620&dephr=now

Here is the response:

```
<Result>
<QueryProcessingStamp QueryProcessingStampId="2013-06-
20|02:19:10|SCOTTY|25083:796">
<DateTime>
<Date>2013-06-20</Date>
<Time>02:19:10</Time>
<UTC/>
</DateTime>
<QueryServer>
<Host>SCOTTY</Host>
<XMLGenerator>
<Name>fvXML</Name>
<Version>3.0.0.48</Version>
</XMLGenerator>
</QueryServer>
<QueryRequest>DEPAP=DAY&DEPDATE=20130620&DEPHR=NOW</QueryRequest>
<Result>
<ResultStatus>
<OK/>
</ResultStatus>
<ResultCode>0</ResultCode>
<ResultMessage>11 flight(s) found for this request</ResultMessage>
</Result>
</QueryProcessingStamp>
<Flight AirlineCode="US" AirlineLogo="US.gif" AirlineName="US
Airways" FlightNumber="2406" AirportCode="DCA" City="WASHINGTON" Sche
duledTime="19:40" Remarks="OnTime" RemarksWithTime="OnTime"/>
<Flight AirlineCode="US" AirlineLogo="US.gif" AirlineName="US
Airways" FlightNumber="2485" AirportCode="CLT" City="CHARLOTTE" Sched
uledTime="19:45" Remarks="OnTime" RemarksWithTime="OnTime"/>
<Flight AirlineCode="UA" AirlineLogo="UA.gif" AirlineName="United
Airlines" FlightNumber="3381" AirportCode="IAD" City="WASHINGTON" Sch
eduledTime="19:46" EstimatedTime="19:46" Gate="B19" Remarks="OnTime"
RemarksWithTime="OnTime"/>
<Flight AirlineCode="CM" AirlineLogo="CM.gif" AirlineName="Copa
Airlines" FlightNumber="2276" AirportCode="IAD" City="WASHINGTON" Sch
eduledTime="19:46" EstimatedTime="19:46" Codeshare="T" Gate="B19" Rem
arks="OnTime"RemarksWithTime="OnTime"/>
<Flight AirlineCode="TA" AirlineLogo="TA.gif" AirlineName="TACA" Flig
htNumber="2059" AirportCode="IAD" City="WASHINGTON" ScheduledTime="19
```

```
:46" EstimatedTime="19:46" Codeshare="T" Gate="B19" Remarks="OnTime"
RemarksWithTime="OnTime"/>
<Flight AirlineCode="DL" AirlineLogo="DL.gif" AirlineName="Delta Air
Lines" FlightNumber="4331" AirportCode="MSP" City="MINNEAPOLIS" Sched
uledTime="19:59" Gate="B14" Remarks="OnTime" RemarksWithTime="OnTime"
/>
<Flight AirlineCode="KL" AirlineLogo="KL.gif" AirlineName="KLM Royal
Dutch" FlightNumber="6728" AirportCode="MSP" City="MINNEAPOLIS" Sched
uledTime="19:59" Codeshare="T" Gate="B14" Remarks="OnTime" RemarksWit
hTime="OnTime"/>
<Flight AirlineCode="AA" AirlineLogo="AA.gif" AirlineName="American
Airlines" FlightNumber="3716" AirportCode="ORD" City="CHICAGO" Schedu
ledTime="20:00" Remarks="OnTime" RemarksWithTime="OnTime"/>
<Flight AirlineCode="UA" AirlineLogo="UA.gif" AirlineName="United
Airlines" FlightNumber="3362" AirportCode="ORD" City="CHICAGO" Schedu
ledTime="20:36" EstimatedTime="20:36" Gate="B19" Remarks="OnTime" Rem
arksWithTime="OnTime"/>
<Flight AirlineCode="US" AirlineLogo="US.gif" AirlineName="US
Airways" FlightNumber="7776" AirportCode="ORD" City="CHICAGO" Schedul
edTime="20:36" EstimatedTime="20:36" Codeshare="T" Gate="B19" Remarks
="OnTime"RemarksWithTime="OnTime"/>
<Flight AirlineCode="CM" AirlineLogo="CM.gif" AirlineName="Copa
Airlines" FlightNumber="2606" AirportCode="ORD" City="CHICAGO" Schedu
ledTime="20:36" EstimatedTime="20:36" Codeshare="T" Gate="B19" Remark
s="OnTime"RemarksWithTime="OnTime"/>
</Result>
```

Appendix B: Airport Codes

Airport Code	City	State	Country	Name
CAK	Akron-Canton	OH	US	
ALB	Albany	NY	US	Albany International Airport
ABQ	Albuquerque	NM	US	Albuquerque International Sunport
AMA	Amarillo	TX	US	
ANC	Anchorage	AK	US	
ATL	Atlanta	GA	US	Hartsfield Atlanta International Airport
ACY	Atlantic City	NJ	US	
AUS	Austin	TX	US	Austin-Bergstrom International Airport
BWI	Baltimore	MD	US	Baltimore-Washington International Airport
BGR	Bangor	ME	US	Bangor International Airport
BTR	Baton Rouge	LA	US	Baton Rouge Metropolitan Airport
BIL	Billings	MT	US	Billings Logan International Airport
BHM	Birmingham	AL	US	Birmingham International Airport
BIS	Bismarck	ND	US	Bismarck Municipal Airport
BOI	Boise	ID	US	Boise Airport
BOS	Boston	MA	US	Logan International Airport
BZN	Bozeman	MT	US	Gallatin Field Airport
BUF	Buffalo	NY	US	Buffalo Niagara International Airport
BUR	Burbank	CA	US	Bob Hope Airport
BTV	Burlington	VT	US	Burlington International Airport
YYC	Calgary	AB	Canada	
CUN	Cancun		Mexico	
CPR	Casper	WY	US	Natrona County International Airport
CID	Cedar Rapids	IA	US	Eastern Iowa Airport
CHS	Charleston	SC	US	Charleston International Airport
CRW	Charleston	WV	US	Yeager Airport
CLT	Charlotte	NC	US	Charlotte Douglas International Airport
CHA	Chattanooga	TN	US	
MDW	Chicago	IL	US	Chicago Midway Airport
ORD	Chicago	IL	US	Chicago O'Hare International Airport
CVG	Cincinnati	OH	US	Cincinnati/Northern Kentucky International Airport
CLE	Cleveland	OH	US	Cleveland-Hopkins International Airport
COS	Colorado Springs	CO	US	Colorado Springs Airport
CAE	Columbia	SC	US	
CMH	Columbus	OH	US	Port Columbus International Airport
CRP	Corpus Christi	TX	US	
DAL	Dallas	TX	US	Dallas Love Field Airport
DFW	Dallas	TX	US	Dallas/Fort Worth International Airport
DAY	Dayton	OH	US	James M. Cox Dayton International Airport
DEN	Denver	CO	US	Denver International Airport
DSM	Des Moines	IA	US	Des Moines International Airport
DTW	Detroit	MI	US	Detroit Metropolitan Airport
DIK	Dickinson	ND	US	
DUB	Dublin		Ireland	
YEG	Edmonton	AB	Canada	

ELP	El Paso	TX	US	El Paso International Airport
FAR	Fargo	ND	US	Hector International Airport
FLL	Fort Lauderdale	FL	US	Fort Lauderdale-Hollywood International Airport
RSW	Fort Myers	FL	US	Southwest Florida International Airport
FWA	Fort Wayne	IN	US	Fort Wayne International Airport
FRA	Frankfurt		Germany	
FAT	Fresno	CA	US	
FNL	Ft. Collins/Loveland	CO	US	
YQX	Gander	NF	Canada	
GJT	Grand Junction	CO	US	Walker Field
GRR	Grand Rapids	MI	US	Gerald R. Ford International Airport
GSO	Greensboro	NC	US	Piedmont Triad International Airport
GSP	Greenville	SC	US	Greenville-Spartanburg International Airport
GPT	Gulfport	MS	US	Gulfport-Biloxi International Airport
YHZ	Halifax	NS	Canada	
YHM	Hamilton	ON	Canada	
HRL	Harlingen/S Padre Island	TX	US	
MDT	Harrisburg	PA	US	
BDL	Hartford	CT	US	Bradley International Airport
ITO	Hilo	HI	US	
HNL	Honolulu	HI	US	
HOU	Houston	TX	US	William P. Hobby Airport
IAH	Houston	TX	US	George Bush Intercontinental Airport
HSV	Huntsville	AL	US	
IDA	Idaho Falls	ID	US	Idaho Falls Airport
IND	Indianapolis	IN	US	Indianapolis International Airport
ISP	Islip	NY	US	
JAN	Jackson	MS	US	Jackson International Airport
JAC	Jackson Hole	WY	US	Jackson Hole Airport
JAX	Jacksonville	FL	US	Jacksonville International Airport
OGG	Kahului, Maui	HI	US	
KOA	Kailua-Kona	HI	US	
MCI	Kansas City	MO	US	Kansas City International Airport
YLW	Kelowna	BC	Canada	
TYS	Knoxville	TN	US	McGhee Tyson Airport
TVL	Lake Tahoe	NV	US	
LAN	Lansing	MI	US	
LAS	Las Vegas	NV	US	McCarran International Airport
LIH	Lihue, Kauai	HI	US	
LNK	Lincoln	NE	US	Lincoln Municipal Airport
LIT	Little Rock	AR	US	Little Rock National Airport
YXU	London	ON	Canada	
LHR	London		UK	
LGW	London		UK	
LGB	Long Beach	CA	US	Long Beach Airport
LAX	Los Angeles	CA	US	Los Angeles International Airport
SDF	Louisville	KY	US	Louisville International Airport
LBB	Lubbock	TX	US	
MSN	Madison	WI	US	Dane County Regional Airport/Truax Field

MHT	Manchester	NH	US	Manchester Airport
MFE	McAllen	TX	US	
MEM	Memphis	TN	US	Memphis International Airport
MIA	Miami	FL	US	Miami International Airport
MAF	Midland	TX	US	
MKE	Milwaukee	WI	US	General Mitchell International Airport
MSP	Minneapolis	MN	US	Minneapolis-St. Paul International Airport
CNY	Moab	UT	US	
YQM	Moncton	NB	Canada	
YUL	Montreal	QC	Canada	
YMX	Montreal/Mirabel	PQ	Canada	
MYR	Myrtle Beach	SC	US	Myrtle Beach International Airport
BNA	Nashville	TN	US	Nashville International Airport
MSY	New Orleans	LA	US	Louis Armstrong New Orleans International Airport
JFK	New York	NY	US	John F. Kennedy International Airport
LGA	New York	NY	US	La Guardia Airport
EWR	Newark	NJ	US	Newark Liberty International Airport
PHF	Newport News/Williamsburg	VA	US	
ORF	Norfolk	VA	US	Norfolk International Airport
OAK	Oakland	CA	US	Oakland International Airport
VPS	Okaloosa County	FL	US	
OKC	Oklahoma City	OK	US	Will Rogers World Airport
OMA	Omaha	NE	US	Eppley Airfield
ONT	Ontario	CA	US	Ontario International Airport
SNA	Orange County	CA	US	John Wayne Orange County Airport
MCO	Orlando	FL	US	Orlando International Airport
YOW	Ottawa	ON	Canada	
CDG	Paris		France	
PNS	Pensacola	FL	US	Pensacola Regional Airport
PHL	Philadelphia	PA	US	Philadelphia International Airport
PHX	Phoenix	AZ	US	Phoenix Sky Harbor International Airport
PIT	Pittsburgh	PA	US	Pittsburgh International Airport
PDX	Portland	OR	US	Portland International Airport
PWM	Portland	ME	US	Portland International Jetport
YXS	Prince George	BC	Canada	
PVD	Providence	RI	US	T. F. Green State Airport
RDU	Raleigh Durham	NC	US	Raleigh-Durham International Airport
RAP	Rapid City	SD	US	Rapid City Regional Airport
YQR	Regina	SK	Canada	
RNO	Reno	NV	US	Reno/Tahoe International Airport
RIC	Richmond	VA	US	Richmond International Airport
ROC	Rochester	NY	US	Greater Rochester International Airport
SMF	Sacramento	CA	US	Sacramento International Airport
SLC	Salt Lake City	UT	US	Salt Lake City International Airport
SAT	San Antonio	TX	US	San Antonio International Airport
SAN	San Diego	CA	US	San Diego International
SFO	San Francisco	CA	US	San Francisco International Airport
SJC	San Jose	CA	US	San Jose International Airport
SJD	San Jose del Cabo		Mexico	

SJU	San Juan	PR	US	
SRQ	Sarasota	FL	US	
YAM	Sault Ste. Marie	ON	Canada	
SAV	Savannah	GA	US	Savannah International Airport
SEA	Seattle	WA	US	Seattle-Tacoma International Airport
SHV	Shreveport	LA	US	Shreveport Regional Airport
FSD	Sioux Falls	SD	US	Sioux Falls Regional Airport
YXL	Sioux Lookout	ON	Canada	
GEG	Spokane	WA	US	Spokane International Airport
YYT	St Johns	NF	Canada	
STL	St. Louis	MO	US	Lambert-St. Louis International Airport
YSB	Sudbury	ON	Canada	
SUN	Sun Valley	ID	US	
SYR	Syracuse	NY	US	Syracuse Hancock International Airport
TPA	Tampa	FL	US	Tampa International Airport
YQT	Thunder Bay	ON	Canada	
YYZ	Toronto	ON	Canada	
YTZ	Toronto	ON	Canada	
TRI	Tri-City	TN/VA	US	
TUS	Tucson	AZ	US	Tucson International Airport
TUL	Tulsa	OK	US	Tulsa International Airport
YVR	Vancouver	BC	Canada	
VEL	Vernal	UT	US	
YYJ	Victoria	BC	Canada	
DCA	Washington	DC	US	Ronald Reagan Washington National Airport
IAD	Washington	DC	US	Washington Dulles International Airport
PBI	West Palm Beach	FL	US	Palm Beach International Airport
HPN	White Plains	NY	US	
ICT	Wichita	KS	US	Wichita Mid-Continent Airport
ISN	Williston	ND	US	
YWG	Winnipeg	MB	Canada	
ORH	Worcester	MA	US	

Appendix C: Airline Codes

Airline Code	Airline Name	Airline Code	Airline Name
EI	Aer Lingus	IC	Indian Airlines
AM	Aeromexico	IR	Iran Air
9A	Air Atlantic	JD	Japan Air System
AC	Air Canada	JL	Japan Airlines
CA	Air China	9W	Jet Airways
AF	Air France	B6	JetBlue Airways
3H	Air Inuit	KL	KLM Royal Dutch Airlines
JM	Air Jamaica	KE	Korean Air Lines
IJ	Air Liberte	WJ	Labrador Airways LTD
NZ	Air New Zealand	LH	Lufthansa
FL	Air Tran	MH	Malaysia Airlines
TS	Air Transat (Canada)	MY	MAXjet
GB	Airborne Express	YV	Mesa Airlines
AS	Alaska Airlines	MX	Mexicana
AZ	Alitalia	GL	Miami Air Intl.
NH	All Nippon Airways	YX	Midwest Airlines
G4	Allegiant Air	NW	Northwest Airlines
AA	American Airlines	OA	Olympic Airways
AV	Avianca	KS	Penair
UP	Bahamasair	PR	Philippine Airlines
JV	Bearskin Airlines	PO	Polar Air
GQ	Big Sky Airways	QF	Qantas Airways
BU	Braathens	SN	Sabena
BA	British Airways	S6	Salmon Air
BD	British Midland	SV	Saudi Arabian Airlines
5T	Canadian North	SK	Scandinavian Airlines (SAS)
C6	CanJet	YR	Scenic Airlines
CX	Cathay Pacific	S5	Shuttle America
ED	CCAir	SQ	Singapore Airlines
MU	China Eastern Airlines	SX	Skybus Airlines
CZ	China Southern Airlines	5G	Skyservice
CO	Continental Airlines	SA	South African Airways
DL	Delta Air Lines	WN	Southwest Airlines
U2	Easyjet	JK	Spanair
LY	El Al Israel Airlines	NK	Spirit Airlines
E0	Eos Airlines	SY	Sun Country Airlines
7H	ERA Aviation	WG	Sunwing Airlines
BR	EVA Airways	LX	Swiss Int'l Airllines
XE	ExpressJet Airlines	TG	Thai Airways
AY	Finnair	TK	Turkish Airlines
7F	First Air	UA	United Airlines
RF	Florida West Airlines	US	US Airways
Y2	Flyglobespan	U5	USA3000
F9	Frontier Airlines	RG	Varig
GA	Garuda	VP	VASP
HQ	Harmony Airways	VX	Virgin America

HA	Hawaiian Airlines	VS	Virgin Atlantic
IB	Iberia	WS	WestJet Airlines
FI	Icelandair	MF	Xiamen Airlines