

Institute of Transportation Studies  
University of California at Berkeley

**An Analysis of Air Passenger Average Trip Lengths  
and Fare Levels in US Domestic Markets**

**Sheng-Chen Alex Huang**

WORKING PAPER  
UCB-ITS-WP-2000-1

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NATIONAL CENTER OF EXCELLENCE FOR  
**NEXTOR**  
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## **PREFACE AND ACKNOWLEDGMENTS**

This paper analyzes the passenger trip length and fare patterns for each origin and destination market in the United States for the year of 1998. The U.S. Department of Transportation 10 percent origin and destination survey data for air passenger travel is used to evaluate the distribution of both passenger traffic and fares for different origin and destination distances.

The author wishes to acknowledge the guidance and suggestions of Dr. Geoffrey Gosling at the University of California at Berkeley during the conduct of the research, as well as the support of Safire Aircraft Company in sponsoring the work.

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## 1. INTRODUCTION

At a national level it is common to express the amount of air travel in terms of the number of revenue passenger miles flown or the number of enplaned passengers. This provides a way to resolve the difficulty of how to aggregate measures of air travel in many different markets of many different distances. However, information about the distribution of trip lengths is lost in the process.

This information is of interest for a number of reasons. The type of aircraft that is most appropriate for different markets depends on the distances involved. The length of the trip is also likely to influence traveler behavior in terms of the importance of convenient access to airports, frequency of service, and willingness to make intermediate stops.

A related issue is how the cost of air travel varies with the length of the trip. The cost structure of airline service is such that the cost per mile flown reduces with increasing trip length, and this is reflected in typical airline fares. However, other factors also influence fares, such as airline competition, and the fare structure may or may not reflect the costs involved for trips of different lengths.

Therefore, this study examines the distribution of trip lengths and associated average fares in the U.S. domestic air travel market. For the purpose of this study, trip length is defined as the direct distance between the origin and destination of a trip. In practice, passengers may fly via intermediate stops, as when they take a connecting flight through an airline hub, and this will generally increase the distance flown. However, this aspect of trip length is not considered here.

## 2. DATA SOURCES

The research uses the U.S. Department of Transportation Origin-Destination Survey of Airline Passenger Traffic as the primary data source. The statistics generated by this survey result from a continuous sample of ten percent of all of the passengers traveling on U.S. certificated air carriers.

The collection of the data, mandated by the Federal Aviation Act of 1958, is a cooperative effort among the domestic air carriers, the Air Transport Association of America, and the Department of Transportation. The data resulting from the survey are compiled by the Data Administration Division of the Office of Aviation Information Management, Research & Special Programs Administration, of the United States Department of Transportation. [1]

The data collection effort itself is a continuous survey, not of passengers per se, but of ticket coupons. An airline ticket generally consists of a series of coupons. Each separate coupon represents an aircraft boarded. The flight coupons which are surrendered by passengers upon boarding a flight are the primary source of the survey.

From the set of all flight coupons collected by all certificated carriers, a constant ten percent sample is extracted. The sample is obtained as follows: whenever a participating carrier detaches the first flight coupon for travel on a participating carrier from any ticket, it retains and reports selected information from that ticket if the serial number of the ticket ends in a zero, or if the ticket represents 11 or more passengers. Coupons from tickets with serial numbers ending in any digit other than a zero are excluded from the survey. Also excluded are any coupons other than the very first coupon of the ticket which represents a participating carrier. (This coupon contains the full details of the ticket.)

The resulting Origin-Destination survey covers revenue passenger trips moving either in whole or in part via the scheduled services of certificated air carriers. The data collected encompass the full itinerary of the passenger, as it is reflected on the ticket, from initial origin to ultimate destination, including any carriage by nonparticipating carriers. [1]

O&D Plus®, a commercial product for the origin and destination survey of airline passenger traffic distributed by Data Base Products, Inc. [1], was used to retrieve required data for the research. After obtaining the required data, the statistical analysis software SAS® was used to process and generate results from the raw data.

In the research, we focus on the following data:

Trip length of an origin-destination pair:

The trip length of an origin-destination pair is the great circle distance between the airport that was the origin of travel to the airport that was the destination of travel, calculated in statute miles. In our data analysis, the trip length was expressed in 100-mile increments.

Market:

A market is defined as an airport pair that represents true-origin to true-destination. Therefore, passengers traveling from San Francisco to New York via Chicago and passengers traveling from New York to San Francisco via Chicago are defined as two different markets. A passenger traveled round trip from San Francisco to New York and back to San Francisco is considered as two trips recorded in separate markets.



Fared passenger:

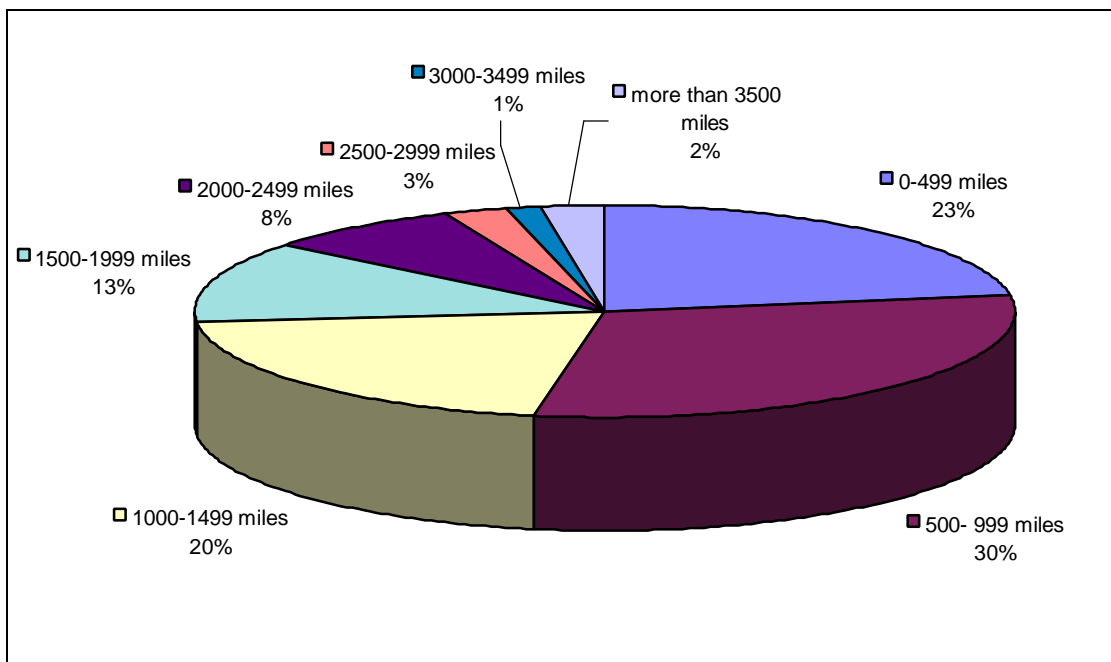
The passengers consist of two passenger types: fared passengers and zero fare passengers. As the names imply, passengers who paid a fare are fared passengers and zero fare passengers are passengers who travel without paying a fare. These zero fare passengers can be people traveling on airline vouchers, people affiliated with airline industry, or people using their frequent flier mileage for free travel.

Average fare:

The average fare is the total revenue divided by total fared passengers. Here, the average fare is not the actual average fare a passenger paid but the amount after subtracting Federal Excise Tax from the reported “gross fare”. Therefore, this is the amount of revenue that the air carriers actually obtain from passengers.

### 3. DATA ANALYSIS

In 1998, the O&D survey data recorded 110,864 markets in the United States. From the data, more than 387 million passengers used the air transportation system for their trips. Among these passengers, 369 million passengers were faired passengers. The total revenue from fares is 55 billion dollars. On average, a passenger paid 151 dollars per trip in 1998.

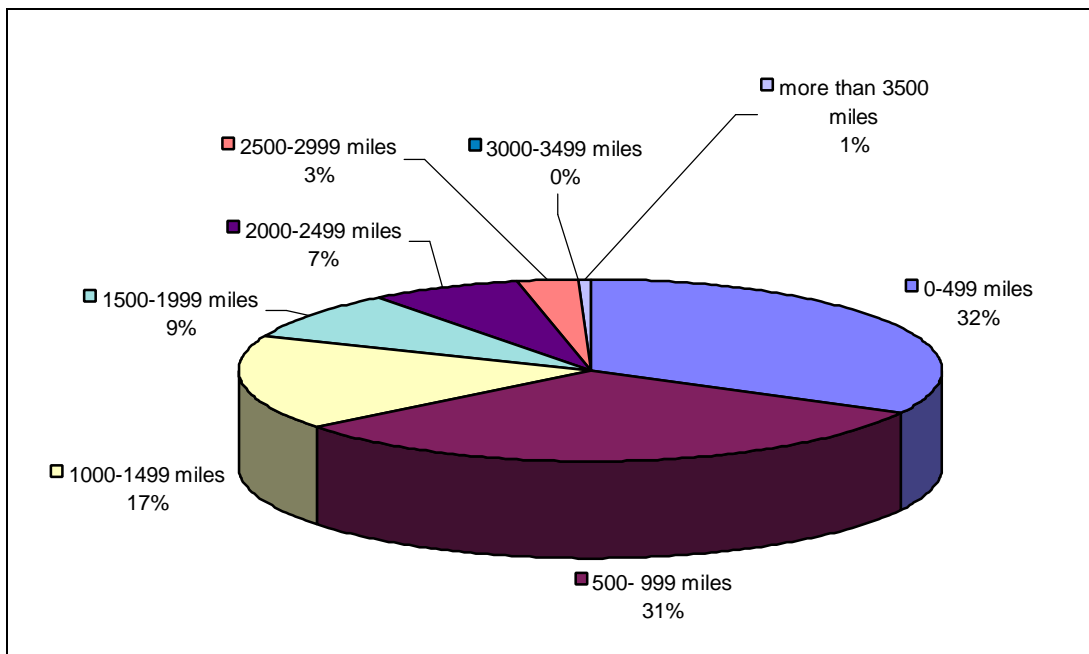


**Figure 1 Percentage of Markets for Different Trip Lengths**

For operation within the 48 continental states, the furthest trip length is around 2800 miles. All operations with a trip length more than 2800 miles are operations between Hawaii, Alaska and the Continental US. More than half of the markets have trip lengths within 1000 miles. Twenty percents of markets fell into the range between 1000 to 1499 miles. Figure 1 shows the percentage of markets for different trip lengths. The number of markets is related to the population distribution. In the mid-west, most population is concentrated in several major

metropolitan areas, therefore, the number of markets to and from this region will be less than that between the east and west coasts.

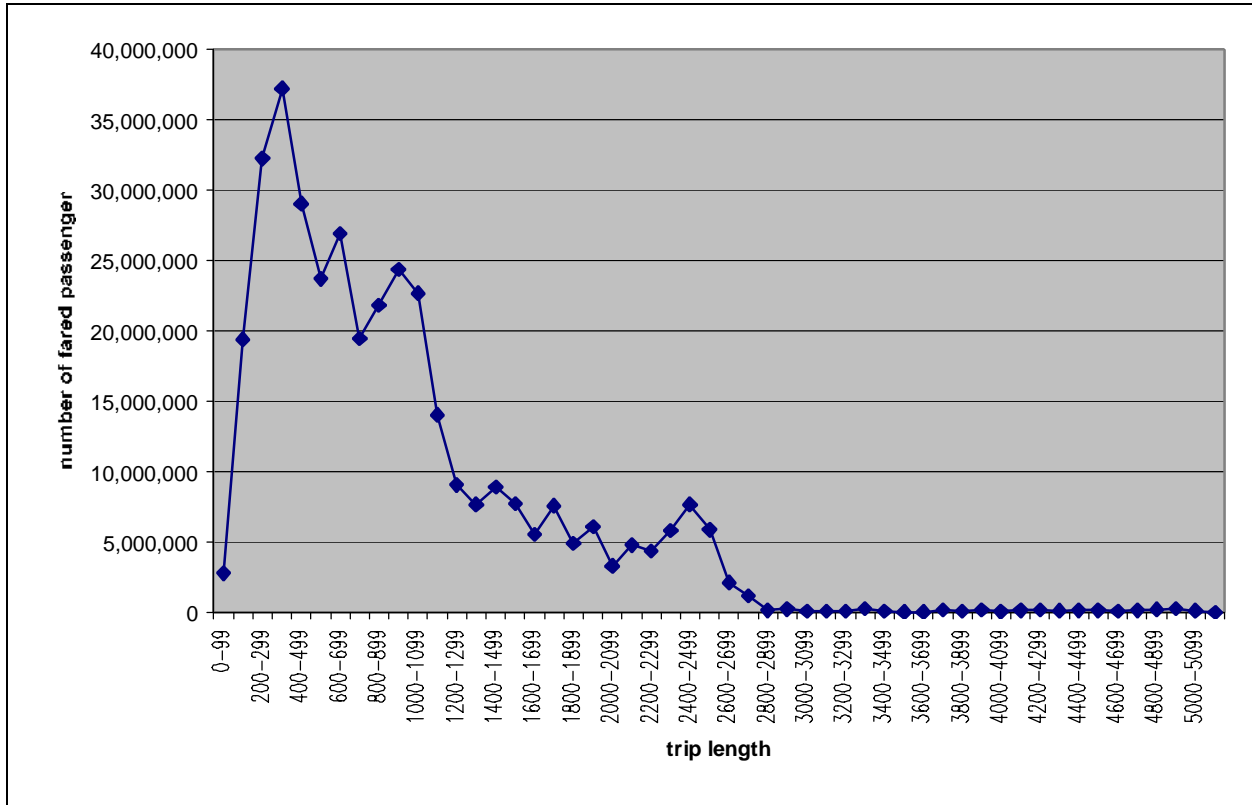
Figure 2 shows the distribution of fared passengers by trip length. 64 percent of these passengers have an OD trip length less than 1000 miles. The passengers' share for trip lengths between 1000 and 1999 miles is 25.5 percent, which is smaller than the proportion of markets for this distance range, 33 percent. One reason why the passenger share is less than the market share is that most markets between 1000 and 1999 miles are markets between the west and east coasts and the mid-west, which do not have as many passengers.



**Figure 2 Fared Passenger Share for Different O&D Trip Lengths**

Figure 3 shows the number of fared passengers for different trip lengths. More than 37 million passengers have trip lengths between 300 and 399 miles. In general, the number of passengers decreases with increasing trip length. However, a secondary peak occurs between 2200 miles and 2800 miles. This is because concentration of U.S. population on the east and west

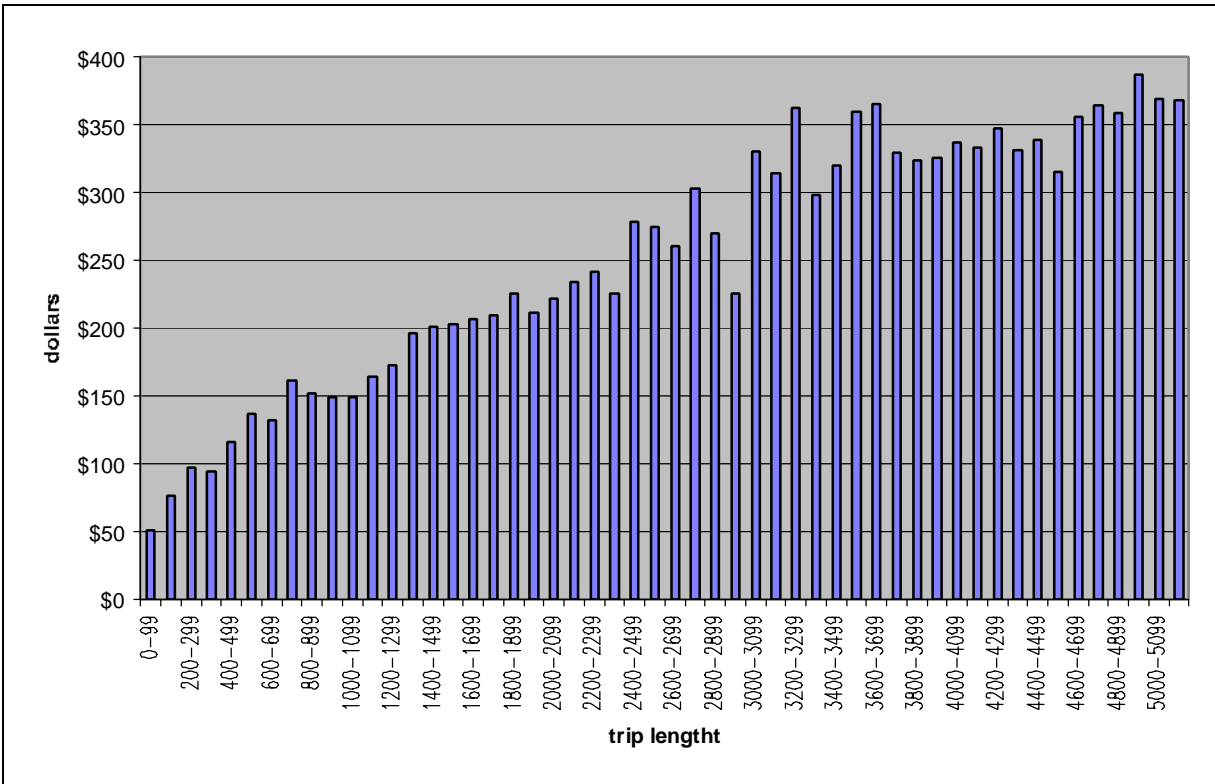
coasts results in higher traffic levels for coast-to-coast operations that fall into this distance range. For trip lengths over 2800 miles, the OD pairs are from Hawaii and Alaska to the continental US, which have less traffic than the domestic flights. Therefore, as shown in Figure 3, the number of passengers decreases dramatically after 2800 miles.



**Figure 3 Relationship between Numbers of Fared Passenger and Trip Length**

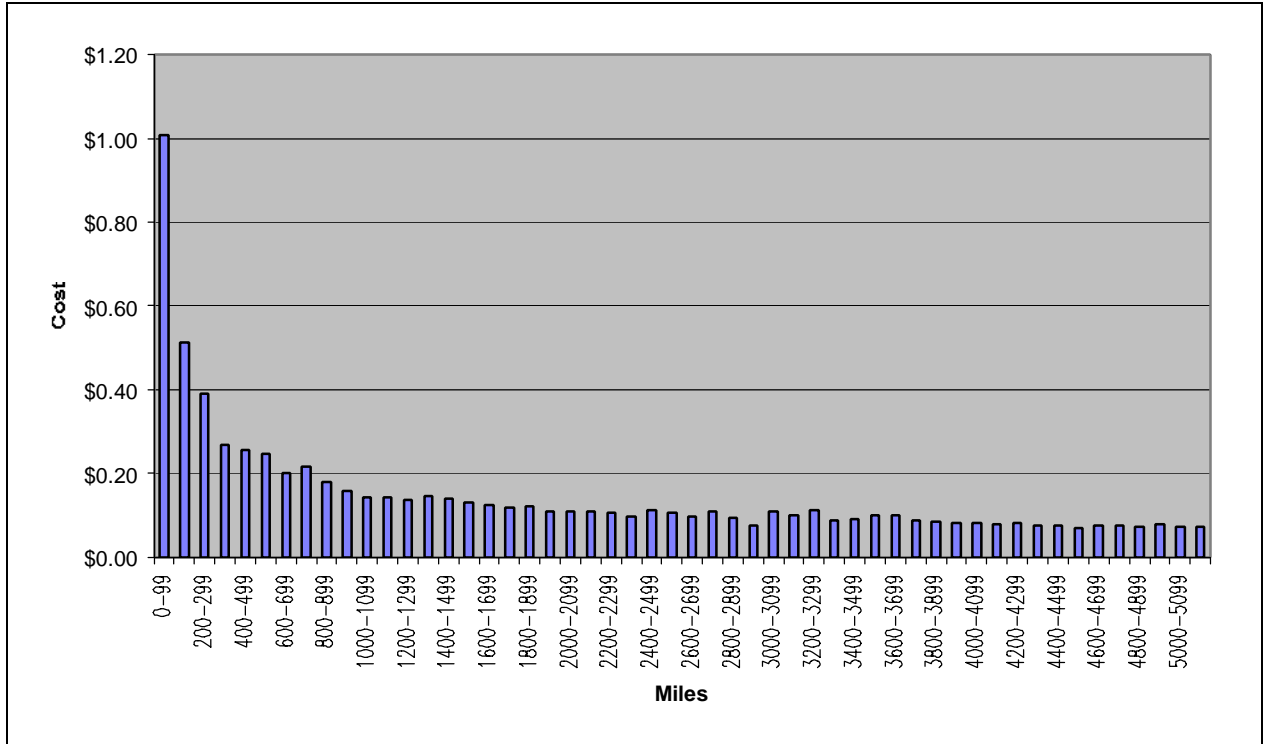
Figure 4 illustrates the average fare passengers paid for each trip length range. As can be expected, the longer the trip length, the more expensive the average passenger fare is. However, the marginal increment in average fare decreases with trip length. This is due to the nature of the cost function for flight operations, which has a substantial fixed cost and relatively smaller variable cost. For each flight, the fixed costs include station costs and fuel burn for take-off and

landing. The variable costs are largely the labor costs of the flight and cabin crew and the cost for airborne fuel, which increase with distance flown.



**Figure 4 Average Fare Passengers Paid for Each Trip Length segment**

When expressed as an average fare per mile, as shown in Figure 5, the average cost decreases rapidly increasing trip length for trip lengths under 1000 miles. For trip lengths between 0 and 99 miles, the average cost is 1.01 dollars per mile. For these short trips, the fixed costs dominate the average cost. For most coast-to-coast operations with trip lengths between 2200 and 2800 miles, the average cost per mile is only about 10 cents, since the fixed costs for these trip lengths ranges are a much smaller part of total costs.



**Figure 5 Average Cost per Mile for Each Trip Length Segment**

#### 4. SUMMARY

An analysis of data in the Origin-Destination Survey of Airline Passenger Traffic for 1998 shows that:

1. Over half of the US markets are under 1000 miles
2. More than 60 percent of passengers have trip lengths under 1000 miles
3. On average, passengers paid 151 dollars for a trip length
4. In general, the number of passengers decreases with increasing trip length. However, a secondary peak in the distribution occurs in the range between 2200 miles and 2800 miles due to coast-to-coast operations

## 5. REFERENCES

1. Data Base Products Inc., The origin-destination survey of airline passenger traffic, WebPages, <http://www.airlinedata.com/Documents/O&DSURV.htm>
2. Data Base Products Inc., The O & D Manual, Dallas, Texas



**APPENDIX A**

**1998 AIR TRAFFIC PASSENGER SURVEY DATA**

<b>Trip length</b>	<b>Number of Market</b>	<b>Total Passengers</b>	<b>Fared Passengers</b>	<b>Total Fare Paid</b>	<b>Average Fare</b>
0-99	2,602	2,800,850	2,778,710	\$140,186,567	\$50
100-199	4,092	19,634,550	19,388,520	\$1,483,772,478	\$77
200-299	5,578	32,622,310	32,232,150	\$3,137,615,959	\$97
300-399	6,078	37,764,060	37,233,590	\$3,507,297,187	\$94
400-499	6,656	29,614,180	29,038,860	\$3,359,910,840	\$116
500-599	6,724	24,369,700	23,689,990	\$3,231,244,507	\$136
600-699	6,880	27,752,990	26,906,910	\$3,542,199,716	\$132
700-799	6,853	20,199,040	19,437,150	\$3,140,026,240	\$162
800-899	6,748	22,778,580	21,816,530	\$3,310,944,802	\$152
900-999	6,379	25,449,570	24,348,270	\$3,632,651,299	\$149
1000-1099	5,834	23,851,150	22,671,480	\$3,373,828,293	\$149
1100-1199	4,959	14,879,740	14,027,590	\$2,298,580,971	\$164
1200-1299	4,416	9,636,290	9,059,930	\$1,567,584,173	\$173
1300-1399	3,962	8,228,650	7,676,050	\$1,506,621,122	\$196
1400-1499	3,388	9,630,470	8,919,240	\$1,796,363,819	\$201
1500-1599	3,161	8,398,420	7,707,780	\$1,562,331,793	\$203
1600-1699	3,068	6,049,200	5,522,150	\$1,141,121,976	\$207
1700-1799	2,835	8,337,530	7,584,930	\$1,588,364,419	\$209
1800-1899	2,644	5,429,350	4,907,730	\$1,105,819,071	\$225
1900-1999	2,286	6,683,650	6,092,890	\$1,289,091,635	\$212
2000-2099	1,816	3,643,510	3,289,570	\$729,374,101	\$222
2100-2199	1,778	5,322,410	4,766,790	\$1,117,167,551	\$234
2200-2299	1,714	4,888,050	4,368,880	\$1,054,765,189	\$241
2300-2399	1,718	6,491,320	5,813,630	\$1,312,613,723	\$226
2400-2499	1,502	8,784,370	7,669,310	\$2,133,317,922	\$278
2500-2599	1,076	6,740,790	5,878,920	\$1,615,965,488	\$275
2600-2699	666	2,404,020	2,115,770	\$551,536,290	\$261
2700-2799	518	1,361,960	1,173,130	\$355,211,138	\$303
2800-2899	414	161,100	144,210	\$38,949,897	\$270
2900-2999	286	256,240	228,340	\$51,518,351	\$226
3000-3099	262	80,140	71,040	\$23,480,183	\$331
3100-3199	320	78,510	68,280	\$21,498,572	\$315
3200-3299	344	89,140	78,360	\$28,397,274	\$362
3300-3399	284	289,750	239,810	\$71,608,599	\$299
3400-3499	278	78,490	67,030	\$21,432,291	\$320
3500-3599	215	21,700	18,670	\$6,724,404	\$360
3600-3699	202	27,880	20,590	\$7,527,801	\$366
3700-3799	224	206,680	161,730	\$53,351,244	\$330
3800-3899	208	121,980	97,090	\$31,477,642	\$324
3900-3999	202	188,380	152,400	\$49,638,763	\$326
4000-4099	156	52,000	44,170	\$14,869,105	\$337
4100-4199	176	172,920	138,770	\$46,203,605	\$333
4200-4299	174	236,940	188,710	\$65,619,414	\$348

4300-4399	176	132,080	110,990	\$36,798,386	\$332
4400-4499	132	173,770	136,020	\$46,107,325	\$339
4500-4599	114	177,530	146,940	\$46,358,179	\$315
4600-4699	176	105,620	88,180	\$31,370,621	\$356
4700-4799	188	161,000	129,450	\$47,203,668	\$365
4800-4899	182	243,790	202,000	\$72,477,164	\$359
4900-4999	124	333,740	266,580	\$103,250,236	\$387
5000-5099	70	145,760	113,570	\$41,980,497	\$370
5100-5199	26	11,280	9,300	\$3,425,897	\$368
All	110,864	387,293,130	369,038,680	\$55,546,777,384	\$151

**Appendix B**

**1998 Carriers in Air Traffic Passenger Survey Data**

## 1. Major Carriers

CARRIER	ST	IATA Code	DOT Code	DOT 5-digit
Alaska Airlines ( <i>subsidiary of Alaska Air Group</i> )	AK	AS	AS	6031
America West		HP	HP	6049
American Airlines ( <i>subsidiary of AMR</i> )		AA	AA	0A050
Continental Airlines		CO	CO	6187
Delta Air Lines		DL	DL	1260
Eastern Airlines (historical)		EA	EA	0A285
Federal Express (FedEx)		FX	FX	6200
Northwest Airlines		NW	NW	1600
Pan American Airways (old) (historical)		PA	PA	1656
Southwest Airlines	TX	WN	WN	6725
Trans World Airlines (TWA)		TW	TW	0A845
United Airlines		UA	UA	0A875
United Parcel Service (UPS)		5X	5X	6910
US Airways		US*	US	2040

## 2. National Carriers

Air Transport International L.L.C. > Active Aero		8C	8C	6029
Air Wisconsin Airlines Corporation > Mountain West Airlines > Mesa Air Group <i>dba</i> > United Express		ZW	ZW	6024
Aloha Airlines ( <i>subsidiary of Aloha Air Group</i> )		AQ	AQ	5045
American International Airways > Connie Kalitta Services > Kitty Hawk		CB*	CDQ	6191
American Trans Air		TZ	TZ	6048
Arrow Air		JW	JW	6061
Atlantic Southeast Airlines <i>dba</i> > The Delta Connection		EV	EV	6085
Atlas Air		5Y*	5Y	6087
Business Express <i>dba</i> > American Connection, Delta Connection, & Northwest Airlink		HQ	HQ	6140
Carnival Airlines > PanAm (new)		KW	KW	6748
Continental Express		RU*	RU	6187
Continental Micronesia (Guam)	GM	CS	CS	16192

DHL Airways		ER	ER	6170
Emery Worldwide		EB	EB	6018
Evergreen International Airlines Inc.		EZ	EZ	6198
Executive Airlines > American Eagle ( <i>subsidiary of AMR</i> )		NA	NA	6196
Hawaiian Airlines		HA	HA	5375
Horizon Air Industries Inc. ( <i>subsidiary of Alaska Air Group</i> )	AK	QX	QX	6580
Kiwi International Airlines		KP	KP	6220
Markair, Inc.		BF	BF	4350
Mesa Airlines > Mesa Air Group <i>dba</i> > US Air Express & America West Express		YV	YV	6689
Mesaba Aviation > Northwest Airlinck		XJ	XJ	6692
Midway Airlines Corporation		JI	JI	6693
Midwest Express Airlines		YX	YX	6716
Polar Air Cargo Airways/ Aeropelican		PO	PO	6758
Reno Air		QQ	QQ	6775
Shuttle, Inc. (USAir Shuttle)		TB	TB	6907
Simmons Airlines <i>dba</i> > American Eagle		MQ	MQ	6820
Southern Air Transport		SJ	SAQ	9786
Sun Country Airlines		SY	SYQ	6795
Tower Air		FF	FF	6855
Trans States Airlines <i>dba</i> > Trans World Express (TW Express)		9N	9N	6904
Valujet > Air Tran		J7	J7	6917
Westair Airlines > Mesa Air Group <i>dba</i> > United Express		OE	OE	6920
Western Pacific		W7	W7	6922
World Airways ( <i>division of WorldCorp Inc.</i> )		WO	WO	6930

### 3. Regional Carriers

CARRIER	ST	IATA Code	DOT Code	DOT 5-digit
Aerial Transit Co (historical)		C1	TPQ	6002
Air 21 (historical)		A7	A7	6036
Air America		GM	GM	6880
Air South (new) (historical)		WV	WV	6032
Airmark Airlines (historical)			AKQ	6054
AirTran Airways		FL	FL	6030
Amerijet International		JH*	JH	6052

Aspen Airways (historical)		AP	AP	6075
Atlantic Coast/Discovery <i>dba</i> > United Express		DH	DH	6194
Av Atlantic (H.C.L. Aviation, Inc.)		G6	HCO	6092
Braniff International Airlines (new) (historical)				
see also Braniff (old; historical; small carrier list)	TX	BE	BE	6120
Buffalo Airways (historical)		BV	BFO	6137
Capital Cargo International Airlines, Inc.		PT*	CCQ	6165
Capitol Air Express (historical)		C6	CPO	6160
Casino Express (T.E.M. Enterprises, Inc.)		XP	XP	6144
Challenge Air Cargo		WE	WE	16180
Champion Air (Grand Holdings; MGM Grand) > American International Airlines > Kitty Hawk		MG	MG	6729
Conner Air Lines (historical)		4S	CRQ	6189
Conquest Airlines (historical)		5C	5C	6190
Custom Air Transport		--	CTQ	6175
Discovery Airways/Atlantic Coast (see Atlantic Coast above)		DH	DH	6194
Eagle Airlines		V9	V9	6280
Eastwind Airlines		W9	W9	6290
Emerald Airlines		OD	OD	6195
Empire Airways		EM	EM	6300
Express One International		EO	JKQ	6682
Falcon Air Express		F2*	FCQ	6400
Fine Airlines Inc.		FB	FNO	6451
Flagship Airlines > American Eagle ( <i>subsidiary of AMR</i> )		8N	8N	6205
Flagship Express Services		9R	9R	9755
Florida West Gateway (Florida West International Airways Inc.)		RF	PRQ	6747
Frontier Airlines		F9	F9	6460
Gemini Air Cargo		GR*	GR	6510
Grand Airways		QD	QD	6540
Great American Airways		MV	FDO	6550
Gulf Air Transport, Inc.		OG	GEQ	6561
Independent Air, Inc.		ID	INO	6611
International Cargo Xpress			XPO	6620
Jet Fleet International			JIQ	6678
JetTrain International		LF	LF	6680
Key Airlines		ZN	ZN	6685
Kitty Hawk Air Cargo		KR*	KR	6688
Laker Airways		6F	6F	6697

Lorair Ltd.	AZ		LOQ	16698
Miami Air International		GL*	MMQ	6690
Midway Airlines (new)		JI	JI	6693
Millon Air (historical)		OX*	LBO	6702
Morris Air Corporation > Southwest Airlines		KN	KN	6695
Nations Air Express		N5	N5	6733
North American Airlines		XG	XG	6730
Northern Air Cargo Inc		NC*	NC	6721
Pace Airlines		--	PCQ	6765
Pacific International Airlines		P4	SFO	6825
Pan American Airways (new)		PA	PA	6766
Panagra Airlines		7E*	PNQ	6768
Patriot Airlines		P7	PAQ	6755
Presidential Airways		XV	XV	6667
Prestige Airways		OI	OI	6753
Prime Air Inc. (Transmeridian Airlines)		T9	T9	6886
Private Jet Expeditions		5J	5J	6762
Reeve Aleutian Airways		RV	RV	4720
Renown Aviation		--	REQ	6772
Ryan Aviation		1I*	RYQ	6790
Sierra Pacific Airlines		SI*	SI	6798
Sky Trek International		1I*	1I	6802
Spirit Airlines		NK	NK	6830
Sun Pacific International		--	SPQ	6797
Sunjet International		JX	JX	6850
Sunworld International		SM	X5	6853
Tatonduk Outfitters, Inc. dba> Tatonduk Flying Service/Air Cargo Express		3K	3K	6860
TPI International Airways		UF	TSQ	16883
Tradewinds Airlines		WI*	WI	6884
Trans Air Link		TY*	TKQ	6890
Trans American Charter			ECQ	6893
Trans Continental Airlines Inc.		--	TCQ	6896
Tri Star Airlines		T3	T3	6898
UFS Inc. > United Express		U2	U2	6908
USA Jet Airlines > Active Aero		OO	U7	6912
USAfrica Airways		E8	E8	6916
UltrAir (historical)		RL	RL	6038
Universal Airlines (Universal Airways Inc.) (subsidiary of Universal Weather & Aviation Inc.)		UV	UTQ	16915
Vanguard Airlines, Inc.		NJ*	NJ	6914
Viscount Air Service			VIQ	6919



Wilbur's Flight Operation		8F	8F	6925
Worldwide Airlines Services (Leisure Air) (historical)		WA	WA	6946
Wrangler Aviation		--	BUQ	16950
Zantop International Airlines (historical)		VK	ZKQ	9790

## 4. Commuters, Charters and Cargo

### Carriers

CARRIER	ST	IATA Code	DOT Code	DOT 5-digit
W Air				
40-Mile Air Ltd.	AK	6M Q5?	6M	
A-1 Aerial & Commercial Photo				
A&M Aviation Inc. (X-Country Flying Club)	IL			
AB Express	MO			
Aberdeen Flying Service	SD			
Abilene Aero Inc. <i>dba</i> > Abilene Aero-Lubbock Aero	TX			
Able American Jets	FL			
Above It All Inc. <i>dba</i> > Island Hoppers	HI			
Absaroka Airways	MT			
ABX Air Inc. ( <i>subsidiary of Airborne Express</i> )		GB		
Acadian Ambulance & Air Med Services Inc. (fixed wing + heli)	LA			
Access Air (prospectus)				
Ace Aerial Service Inc.				
ACM Aviation Inc.	CA			
Action Airlines ( <i>see also JIB Inc.</i> )		XQ	XQ	
ADI Domestic Airlines Inc.		II*		
Adirondack Flying Service	NY			
Advance Leasing Company		BC*		

Advance Life-Support Emergency Rescue Team (heli) (ALERT)				
Advantage Airlines			5V	
Aero Air LLC				
Aero Coach Aviation Intl		DF	DF	
Aero Dynamics		2G	2G	
Aero Freight Inc. (Aero Executive)				
Aero Virgin Islands (historical)	VI	QY	QY	
Aero West			YM	
Aero-Copters Inc.	WA			
Aeroflite Inc.				
Aeromedical Group Inc. (AGI)				
Aeromedical Services International Inc.				
Agile Air Service				
Air Ads Inc.				
Air Alpha Inc. dba> Air Alpha America	CT			
Air Aurora > Cargo Service Center (Netherlands) (CSC)		AX		
Air Cargo Inc. (ACI) (not an airline-truck feeder and air cargo info center)	MD	--		
Air Cargo Carriers Inc.	WI			
Air Caribe International	PR	ZE	IK	
Air Carriage				
Air Cartage Systems Inc. (ACS)	VA			
Air Charter Inc.	PR	R9		
Air Charter of Virginia (division of Norfolk Aviation Inc.)	VA			

Air Charter Service Inc.	PA			
Air Cortez International (Toucan Air)	CA		AB	
Air Denver	CO			
Air Express International (AEI) (freight forwarder & logistics)				
Air Florida		FD*	OH	
Air Grand Canyon				
Air Guam			UX	
Air L.A.		UE	3D	
Air Logistics of Alaska (heli) ( <i>subsidiary of Offshore Logistics Inc.</i> )	AK			
Air Methods Corporation (heli)	CO			
Air Midway				
Air Midwest Inc. > Mesa Air Group <i>dba</i> > USAir Express	AZ	ZV	9U	
Air Mobility Command		MC		
Air Molokai (historical)	HI	3R	7D	
Air Nevada Airlines Inc. <i>dba</i> > Air Nevada-Pacific Wings	NV HI	LW	LW	
Air New Orleans <i>dba</i> > Continental Express			NT	
Air North (Northern Airways) > Brockway Air <i>dba</i> > Piedmont Commuter System			NO	

Air Now ( <i>formerly Business Air Inc.</i> ) <i>dba</i> > American Eagle Business Airfreight				
Air One			CB	
Air One Helicopters				
Air Parcel Express (APX)	FL			
Air Puerto Rico Airlines			FD	
Air Resorts Airlines (Flight Trails)		UZ	UZ	
Air Routing International Corp. ( <i>subsidiary of AR-Group Inc.</i> )	TX	ZJ		
Air St Thomas <i>dba</i> > Air Charters	VI	ZP		
Air San Luis (Yecny Enterprises Inc.)	CA			
Air Sedona > Scenic Airlines?	AZ	UJ	MP	
Air Serv International				
Air South (i) (historical)		GD	GD	
Air Spirit			UJ	
Air Sunshine Inc.	FL	YI	YI	
Air Trails LLC > Del Monte Aviation/Air Trails	CA			
Air Trek Inc.				
Air Vectors Airways			ZB	
Air Vegas Airlines	NV	6V?		

Air Virginia Inc. > American Airlines?		DO*		
Air West Airlines > Wings of Denver/Air West Flying Club	CO		WI	
Air-Lift Associates		3L	3L	
Airborne Express (see also ABX Air and Skylink divisions)				
Airborne Inc. dba> Charterlink				
AirCal (Air California) (historical)	CA		OC	
Aircoastal Helicopters Inc.				
Aircraft Charter Group Inc. (Business Air Services Inc.)				
Aircraft Ferry Group				
Airline of the Americas > UltrAir			HR	
Airline of the Virgin Islands > Colorado Casino Resorts Inc.				
Airlink (PHA Inc.)			NE	
Airmotive Enterprises Inc.				
AirNet Systems Inc. dba> AirNet Express				
Airpac Airlines Inc.		LQ*	5P	
Airspect Air Inc.				
AirVantage		3N	3N	
Airways Corporation dba> Euram Flight Centre				
Airways International		4A	4A	
Airways of New Mexico			ES	
Aladdin Air				
Alaska Aeronautical Industries	AK		YC	
Alaska Air Ambulance	AK			

Alaska Airlines Commuter (see Harbor Air Inc. and Horizon Air Industries Inc.)	AK			
Alaska Airlines Partners (see ERA Aviation Inc. and Peninsula Airways Inc.)	AK			
Alaska Central Express (ACE) dba> Yutana Airlines	AK	KO* 9Y? YT?		
Alaska Island Air	AK	6D	6D	
Alaska Juneau Aeronautics dba> Wings of Alaska	AK	K5*	SE	
Alaska Seaplane Service LLC	AK	UI*		
Alaska Sky Trekking	AK			
Alexandria Aviation Inc.				
Alkan Air	AK	--		
Allegheny Airlines (subsidiary of US Airways Group) dba> US Airways Express		UQ	12	
Alliance Air Freight Inc.				
Allied Helicopter Service Inc.				
Aloha Islandair dba> Island Air (member of Aloha Air Group)	HI	WP	WP	
Alpha Air Inc. dba> TW Express		7V	7V	
Alpine Aviation Inc. dba> Alpine Air		5A	5A	
Altus Airlines (history)			2U	
Americair			DE	
American Aerial Surveys Inc. of Northern California				
American Eagle (subsidiary of AMR)		--	EGS NA	

			MQ WWI	
American Export Lines				
American Flag Airlines Inc.				
Ameriflight Inc. ( <i>division of Armored Transport Inc.</i> )				
Ameristar Jet Charter Inc.				
AMI Jet Charter Inc.				
Angel Planes/Miracle Flights for Kids				
Antillas Air				
Archway Aviation Inc. ( <i>Creve Coeur Airport Inc.</i> )				
Arctic Air Service Inc. (heli)				
Arctic Circle Air Service		5F	5F	
Arctic Transportation Services		7S*		
Arctic Wilderness Lodge				
Arctic Wings				
Arrowhead Helicopters Inc.				
A.S.I. Charter Inc. ( <i>division of Aircraft Specialists Inc.</i> )				
Aspen Aviation				
Aspen Mountain Air/Lone Star Airlines <i>dba</i> > American Connection ( <i>see also</i> Exec Express)				

Associated Global Systems				
Astral Aviation Inc. ( <i>subsidiary of Midwest Express Airlines</i> ) <i>dba</i> > Skyway Airlines/The Midwest Express Connection		AL	AL	
Astrocopters Ltd.				
Atkin Air				
Atlantic Aero				
Atlantic Aviation Flight Services Inc. ( <i>subsidiary of Atlantic Aviation Corp.</i> )				
Atlantic Gulf Airlines/Fox Air International Inc.			ZY	
Atlantic World Airways Inc. (Atlantic Airlines)				
Atlantis Airlines		SG	SG	
Audi Air Service			7E	
Austin Express Inc.		7V		
AvAir > American Eagle ( <i>subsidiary of AMR</i> )		CE	CE	
AVI Inc. <i>dba</i> > Air Vegas Airlines		6V		
Aviation Charter Services ( <i>division of Kokomo Aviation Inc.</i> )				
Aviation Methods Inc. (AMI)				
Aviation Services Ltd. <i>dba</i> > Freedom Air		ZU*	ZU	
Aviation Services Unlimited (heli)				
Avicor Air Charter				
Aviex Jet Inc.				
AvLink				
B Airways		--		
Baker Aviation		8Q*	8B	
Baltia Air Lines Inc. (prospectus)				
Bangor International Airlines			IL	
Bankair Inc.		B4*	JA	



Bar Harbor Airlines		OO	OO	
Baron Aviation Services Inc. ( <i>operating for FedEx</i> )				
Barron Enterprises				
Barrow Air	AK	6Q	6Q	
BAS Airlines		GS	GS	
Basco Flying Service Inc.				
Baseops International Inc.		3Y		
Basler Airlines ( <i>division of Basler Turbo Conversions LLC</i> )				
Bay Air Flying Service Inc.				
Bear Lake Air Service				
Beaver Aviation Service Inc.				
Beckair Co. Inc.				
Bellair Inc. (Bellair Express)		7G*	5B	
Bemidji Aviation Services Inc. <i>dba</i> > Bemidji Airlines (Air Direct Charters)		CH	CH	
Bering Air Inc.		8E		
Best Airlines			IW	
Bettles Lodge & Air Service	AK			
Big Island Air		--	2L	
Big Sky Airways > Northwest Airlin		GQ	GQ	
Big Sky Transportation Co. <i>dba</i> > Big Sky Airlines				
Bighorn Airways Inc.		6B?		
Bimini Island Air/Southern Pride Aviation Inc.				
Bird Air Fleet Inc. <i>dba</i> > Bird Leasing				

Blackhawk Airways > Gale Force		EP*	EP	
Block Island Airlines				
Bluffton Flying Service Co. (Amalgamated Leasing)				
Borinquen Air/Air Puerto Rico <i>dba</i> > Diaz Aviation Corp.	PR			
Bowman Aviation				
Branch River Air Service				
Braniff (i) (historical) <i>see also</i> Braniff (ii) (regional)	TX	BN	BN	
Bridgeford Flying Service				
Britt Airways ( <i>subsidiary of</i> People Express) <i>dba</i> > Continental Express		--		
Brockway Air ( <i>formerly</i> Air North; Northern Airways) <i>dba</i> > Piedmont Commuter System			SS	
Brooks Seaplane Service Inc.				
Bullock Charter Inc.				
Bun Air Corporation				
Burlington Air Express > BAX Global		8W		
Bush Airventures Inc.	AK			
Business Air Inc. > Air Now <i>dba</i> > American Eagle Business Airfreight				
Business Aviation Couriers Inc.				
Business Express				
Business Flights Inc.				
Butler Aircraft Co. ( <i>subsidiary of</i> TBM Inc.)				
C Aviation				
California Seaboard Airline			LT	
Camai Air (Village Aviation Inc.)		3C		

Cane Air Inc. (helicopter)				
Cape Air/Nantucket Airlines Inc. (see also Hyannis Air Service Inc.)	MA	9K	9K	
Cape Smythe Air Service Inc.		6C	6C	
Capital Aviation Corp.				
Capitol Air Service		--	RX	
Cardinal Airlines Ltd. (Air Anguilla (USVI)) (Dominica?)	VI	NN		
Cargopar Lineas Aereas S.A. > Air Europa (Spain)	FL	--		
Carib Express	PR			
Carib-Air Cargo Inc.	FL			
Caribbean Air Services/Tradewinds (Cargo)				
Caribbean International Airlines Inc. dba> CaribAir	PR	B9		
Caribe Air	PR			
Caribe Air Cargo				
Carson Services Inc. Helicopter Division				
Carver Aero Inc.				
Cascade Helicopters Inc.				
Casino Airlines Inc.				
Casper Air Service Inc.				
Catalina Flying Boats Inc.				
CC Air (subsidiary of Mesa Air Group) dba> US Airways Express/Piedmont Commuter		ED	ED	
Central Air Service Inc. (heli)				
Central Air Southwest				
Central Airlines > Frontier				
Central Helicopters Inc.				

Chalks/Paradise Island Airline > Continental Connection		BK	BK	
Challenge Air International		VV	VV	
Champlain Enterprises <i>dba</i> > Commutair/US Air Express				
Channel Flying		IH	IH	
Channel Islands Aviation Inc. (CIA)				
Chaparral Airlines > Metroflight <i>operating for</i> > American Eagle		FC	FC	
Charter Air		5W	5W	
Charter Jet International Inc. ( <i>subsidiary of Beco Energy &amp; Construction</i> )				
Chautauqua Airlines <i>dba</i> > USAir Express		US*	13	
Chelan Airways		--		
Chester County Aviation Inc.				
Cheyenne Charter Inc.				
Chicago Airways			CL	
Chicago Express Airlines ( <i>subsidiary of Amtran, Inc.</i> ) <i>dba</i> > American Trans Air/ATA Connection		C8	CB	
Christman Air System		SX	SX	
Circle Air Freight Corp.		FO		
Classic Aviation Corporation				
Classic Helicopter Corporation				
Clay Lacy Aviation Inc.				

Clintondale Aviation				
Coastal Air Transport <i>dba</i> > Coastal Air	VI	DQ		
Coastal Airways		PN	PN	
Cohlma Aviation		LQ*	LQ	
Colgan Air Inc. <i>dba</i> > Continental Connection		9L	9L	
Colorado Helicopters Inc.				
Columbia Helicopters Inc.				
Columbia Pacific Airlines		7C		
Comair, The Delta Connection		OH	OH	
Command Airways		DD	DD	
Commercial Aviation Corp. ( <i>affiliate of Albert C. Beckwith Leasing Co.</i> )				
Community Air Inc.				
Commutair > USAir Express		-- US*?	14	
Condor Enterprises Inc.				
Consolidated Airways Inc. <i>dba</i> > Consolidated Charter Service				
Contract Air Cargo Inc.				
Corporate Air <i>operating for</i> > FedEx				
Corporate Airways				
Corporate Charter Service	PR	R8		
Corporate Express Airlines (Corporate Airlines Inc.) <i>dba</i> > Midway Connection		3C*		
Corporate Express Delivery Systems Inc.				
Corporate Flight Inc.				

Corporate Jets Inc. (heli)	PR			
Corporate Wings Inc. (SBN Inc.)				
Courtney Aviation				
CPA Air Service				
Crescent Helicopters			2C	
Crew Concepts Inc. (helicopter)				
Crossings Aviation (Northern Tier Airlines Inc.)				
Crossjet Inc. (heli)				
CSA Air Inc. ( <i>subsidiary of Air Transportation Holding Co.) operating for</i> > FedEx				
CSI Aviation Services Inc <i>dba</i> > Charter Services-Worldwide				
Cumberland Airlines		NQ	NQ	
Curtis Air Services Inc.				
Cypress Helicopter Co. <i>dba</i> > Cypress Logging Co.				
aedalus Inc. <i>dba</i> > Business Aviation				
Danzas Air Freight ( <i>division of Danzas Sweden AB</i> )	TX			
Davisair Inc.				
Daviservice (Aviation) Co. ( <i>subsidiary of John M. Davis &amp; Associates</i> )				
Del Monte Aviation/Air Trails LLC				

Deland Aviation Inc.				
Delta Express		--		
Denison Aviation Inc.	IA			
Desert Sun Airlines > Mesa Air Group <i>dba</i> > America West Express	AZ		FE	
Diamond International Airlines		9X		
Diamondback Aviation Services (Arizona Helicopter Adventures)	AZ			
Diaz Aviation Group <i>dba</i> > Borinquen Air/Air Puerto Rico	PR			
Direct Air (historical)	IN	UO	UO	
Dodson International Air (DIA)				
Dolphin Atlantic Airways (Florida Dolphin Airways)	FL	DV		
Dolphin Express	PR VI	8U	8U	
Don Davis Aviation Inc. (heli)	KY			
Doug Geeting Aviation	AK			
Dover International Ltd. (heli)	DE			
Downeast Flying Service > Northeast Airlines	ME	NE		
Dwyer Aircraft Sales Inc.	IA			
Eagle Canyon Airlines Inc. <i>dba</i> > Scenic Airlines	NV	FE		
Eagle Commuter Airlines			EE	
Eagle USA Airfreight Inc.	TX			
East Coast Aviation Services Ltd. > Executive Airlines Inc. <i>dba</i> > American Eagle	NY	YL		
East Hampton Aire	NY	IN*	IN	
Eastwind Airlines	NC			
El Aero Services Inc. (heli)	NV			
Ellis Air Taxi Inc.	AK			
Ellison Air				

Elmira Aeronautical Corp. (Elaerco) ( <i>division of Elmira/Corning Air Service Inc.</i> )	NY			
Emery Air Charter Inc.	IL			
Era Aviation (fixed + heli)	AK	7H	7H	
Era Helicopters ( <i>division of Era Aviation</i> )	AK	7H	7H	
Erickson Air Crane Co.	OR			
Evergreen Helicopters of Alaska ( <i>division of Evergreen International Aviation Inc.</i> )	AK	OT	OT	
Exec Express II > Lone Star Airlines > Aspen Mountain Air <i>dba</i> > American Connection	CO	AD	AD	
Executive Flight	AZ			
Executive Fliteways Inc. (EFI)	NY			
Express Airlines I ( <i>subsidiary of Northwest Airlines Inc.</i> ) <i>dba</i> > Northwest Airlink		9E	9E	
ExpressAir Cargo Service	FL			
Falcon Air	PR FL?			
Falcon Air Xpress	OK			
Falcon Aviation Inc.				
Falcon Helicopters Inc.				
Falwell Aviation Inc.	VA			
Farwest Airlines LLC	WA			



Felts Field Aviation Inc.	WA			
Fetsko Aviation Sales & Transportation Inc. (helicopter)				
First Air				
First Air Express Inc.	TX			
Fischer Brothers Aviation			GP	
F.I.T. Aviation Inc. ( <i>subsidiary of Florida Institute of Technology</i> )	FL			
Flamenco Airways Inc.	PR	FK	FK	
Flight Express Inc.	FL			
Flight International ( <i>subsidiary of The Flight International Group Inc.</i> )	VA		51	
Flight One Inc. <i>dba&gt; Sascon Aviation Inc.</i>	MI			
Flight Services Group Inc. (FSG)	CT			
Flight Time <i>dba&gt; Flight Time-Air Charter Worldwide</i>	MA			
Flight Trails <i>dba&gt; Air Resorts Airlines</i>		UZ	UZ	
Flightstar Corp.				
Florida Express		--	ZO	
FloridaGulf Airlines> Mesa Air Group <i>dba&gt; USAir Express</i>				
Fly Wright Corporation (helicopter)				
Flying Boat Inc. > Chalks Intl > Pan Am Air Bridge (historical)		OP	OP	
Flying Cam Inc.				
Flying Tiger Line (historical)		FT	FT	
Fostaire Helicopters (D.H. Helicopter Inc.)	IL			
Four Star Aviation Inc.	VI	HK		

Freight Dynamics Inc.				
Freight Runners Express Inc.	WI			
Friendship Air Alaska			4H	
Frontier Flying Service Inc.		2F	2F	
F.S. Air Service Inc.		Y7?		
Gail Force Corporation <i>dba</i> > Gail Force Express		BB?		
Galaxy Airlines			9G	
Galena Air Service	AK		AK	
Gateway > Cargo Service Center (Netherlands)				
Georgia Flight				
Geo-Seis Helicopters Inc.	CO			
Gibson Air Services				
Gibson Aviation Inc.	MD			
Glacier Heli Tours ( <i>division of</i> Minuteman Aviation Inc.)	MT			
Global Air Cargo				
Global Air Charter Inc.				
Global Cargo Xpress				
Global International		GL*	GL	
Golden State Airlines			GM	
Golden West Airlines	CA	GW		
GP Express Airlines > Continental Connection		8G	8G	
Grand Aire Express Inc.				
Grand Canyon Airlines Inc.		YE	YE	

Grand Canyon Helicopters > Papillon Grand Canyon Helicopters		HI	HI	
Grant Aviation Inc.	AK	GS*		
Great Lakes Aviation Ltd. > Great Lakes Airlines dba> United Express		ZK	ZK	
Great Hills Aviation			NG	
Great Northern Air Guides				
Great Pond Aviation				
Greenbrier Airlines	WV? VA?		G2	
Gulf & Caribbean Cargo Inc. (Gulf & Caribbean Air)				
Gulf Air Taxi Inc.	AK			
Gulfstream Airlines		7G	7G	
Gulfstream International Airlines Inc. > G-Air Holding Corporation dba> Continental Connection		3M	3M	
Gunnison Valley Aviation	CO			
Hageland Aviation Services Inc.	AK	H6*		
Haines Airways Inc.	AK	7A	7A	
Hansen Flying Service Inc.	MI			
Harbor Air Service		8H	8H	
Harbor Airlines Inc. dba> Alaska Airlines Partnership Carrier	WA AK	HG	HG	
Hart Enterprises (heli) (affiliated with Aero Technicians Inc.)	ID			
Havasu Airlines		--	HW	
Havre Flying Service				
Hawaii Air Tours				
Hawaii Express > Cardinal-Hawaii Express?			LP	
Hawkins & Powers Aviation Inc. (Sky Aviation) (heli)	WY			

Heli-Cab Helicopter Services ( <i>subsidiary of Bonded Joint Ventures Inc.</i> )				
Heli-Jet Corporation	OR			
HeliClass Helicopter Service				
Helicopter Consultants of Maui Inc. (Blue Hawaiian Helicopters)				
Helicopter Minit Men Inc.				
Helicopter Services Inc.	TX			
Helicopters Inc. <i>dba</i> > Corporate Air Charter	RI			
Heliflight Inc. ( <i>subsidiary of Kasch &amp; Robertson Inc.</i> )	FL			
Helinet Corp. <i>dba</i> > Helinet Aviation Services				
Helistream Inc.				
Hermens Air	AK	2E	2E	
High Tech Applications Inc. (heli)	WV			
Hillsboro Aviation Inc. (fixed wing + heli)	OR			
Holiday Airlines		JO	JO	
Holman's Transportation Systems <i>dba</i> > Holman's Med-Wing ( <i>division of Holman Funeral Home Inc.</i> )	AL			
Hoppin' USA				
Horizon Air Inc. > Langa Aviation Ltd.	IL			
Horizon Helicopters				
Houston Helicopters Inc.	TX			
Hub Express		5E	5E	
Hudson Air Service				

Hutcherson Air Service Inc.				
Hyannis Air Service Inc. > Cape Air/Nantucket Airlines	MA	9K	9K	
Ice Flying Service	SD			
IFL Group Inc. dba> Corporate Express	MI	DJ?		
Iliamna Air Taxi Inc.	AK	LS*	LS	
Imperial Airlines			II	
Indian Wells Airlines			KA	
Industrial Aviation Services Inc. (heli)				
Industrial Helicopters Inc.	LA			
Iniakuk Lake Wilderness Lodge (charter)	AK			
Inland Aviation				
International Air Service			IE	
International Charter Brokers Inc.				
International Jet Aviation Services (division of Milam International Inc.)				
InterState Airlines (IS Airlines) (Air Transport International LLC)	UT	8C	8C	
Interstate Helicopters	OK			
Iowa Airlines	IA	JT	JT	
Island Air Charters Inc. dba> Island Air		6N		
Island Airlines (Nantucket) Inc.	MA	IS	XT	

Island Express Airlines	VI?	2S		
Island Wings Air Service	AK			
ITABA		T2		
ars Inc. ( <i>subsidiary of Summer Institute of Linguistics dba&gt; SIL International</i> )				
Jaax Flying Services				
Jack Harter Helicopters	HI			
Jackson Hole Aviation LLC	WY			
JBI Helicopter Services (Joe Brigham Inc.)				
Jet 1 Charter Inc. ( <i>subsidiary of Jet 1 Inc.</i> )				
Jet 24 International			TJ	
Jet Air International Charters C.A. (Venezuela?)		--		
Jet Airways		QJ		
Jet Aviation Business Jets Inc. ( <i>division of Jet Aviation Holdings Inc.</i> )	NY			
Jet Aviation Holdings Inc. (US headquarters for Jet Aviation International Inc.)				
Jet Charter Inc.				
Jet East Inc.	TX			

Jet Express		JI	PG	
Jet International Air Travel Association Inc.				
Jet Services (heli)				
Jet Solutions LLC ( <i>formerly</i> Business Jet Solutions) ( <i>joint venture</i> -Bombardier Inc. & Botana & Co.)				
Jetaire Airlines			3J	
Jetstream International > PSA > USAir Express		TF	TF	
JIB Inc. (Action Airlines)		XQ	XQ	
Jim Hawkins Air Service Inc.				
Joe Brigham Inc. <i>dba</i> > JBI Helicopters	NH			
K International Transport Co. Inc.	NY			
Kachemak Air Service <i>dba</i> > Kachemak Bay Flying Service	AK			
Kaiserair Inc.	CA			
Katmai Air ( <i>division of</i> Katmailand Inc.)	AK			
Kenai Aviation	AK			
Kenai Helicopters (Grand Canyon)	AZ			
Kenai Lake Air Service	AK			

Kenmore Air Seaplanes/Harbor Inc.	WA	M5*	5K	
Kenosha Aero Services Inc. (Alliance Airlines)	WI	3A		
Ketchikan Air Service Inc.	AK	K3*	6S	
Keystone Flight Services ( <i>division of Keystone Helicopter Corporation</i> )	PA			
Kitty Hawk Airways (135 Airways)	TX	2K		
Kitty Hawk Charters	TX	CB?		
L.A.B. Flying Service Inc.	AK	JF	JF	
Lake Central Airlines > Allegheny Airlines > US Airways Express				
Lake Mead Air Inc.	NV			
Lake Union Air Service	WA	7L	7L	
Lakeland Aviation Co. Inc.	WI			
Landair International Airlines	TN	BN		
Landells Aviation (Palm Springs Aviation Inc.)	CA			
Lane Aviation Corp.	OH			
Larry's Flying Service Inc.		J6*	7K	
Las Vegas Airlines/Virgin Islands International Airlines	NV VI	6G	TQ	
Las Vegas Helicopters	NV			
Le Bas International				
LeaseAir Ltd. (cargo) ( <i>affiliated with Flite Partners International Inc.</i> )				



Legend Airlines (historical)				
L'Express Airlines		4X	4X	
Liberty Airlines (Liberty Express) > Mesa Air Group <i>dba</i> > US Air Express			CK	
Liberty Helicopters Inc.	NJ			
Lindner Aviation Inc.	IA			
Logan & Revis Air Inc.				
Long Island Airlines > Executive Airlines	NY	YL	YL	
Lowe Aviation Co. Inc.	GA			
Lubbock Aero ( <i>subsidiary of Abilene Aero</i> )	TX			
Luminair Aviation Services				
Lynch Flying Service Inc.	MT			
Lynden Air Cargo L.L.C.	AK	L2	L2	
Lynx Air	FL			
Magnus Aviation Inc.				
Mahalo Air ( <i>subsidiary of Empire Airlines Inc.</i> )	HI	8M	8M	
Mall Airlines		FH	FH	
Maritime Helicopters Inc. (Maritime Scenic Air Tours)				
Martinaire Inc.				
Maui Airlines	HI		WW	
Maverick Airways Corporation		6M*		
May Air X-Press Inc.				
Mayo Aviation Inc.				
McMahon Helicopter Service				

Meeker Airport Inc. <i>dba</i> > Coulter Aviation				
Mercy Air Service Inc. (helicopter) ( <i>subsidiary of Air Methods Corporation</i> )				
Mercy Flights				
Meridian Aviation Service Inc.				
Merlin Express Inc. ( <i>subsidiary of Fairchild Aerospace Corp.</i> )				
Methow Aviation Inc.				
Metro Air Northeast		SS	SS	
Metro Airlines		HY	HY	
Metro Aviation Inc. (helicopter)				
Metro Express Transportation ( <i>partner with Air Cargo Inc. (ACI)</i> )				
Metroflight Airlines > American Airlines?		FY	FY	
MetroJet > US Airways				
Metropolitan Helicopter Service Inc.				
Miami Air International		GL*		
Miami Valley Aviation Inc.				
Mid Continent Airlines		CT	CT	
Mid Pacific Airlines		PF*	HO	
Mid Valley Helicopters Inc.				
Mid-Atlantic Freight Inc.				
Mid-Coast Air Charter				
Mid-Ohio Aviation ( <i>subsidiary of Seaman Corp.</i> )				
Midstate Airlines		--	IU	
Midstate Aviation Inc.				
Midway Connection (Corporate Express Airlines/Corporate Airlines)		3C*		
Midway Express Airline			2M	
The Midwest Express Connection/Skyway Airlines ( <i>operated by Astral Aviation Inc.</i> )		AL	AL	
Midwest Helicopter Airways Inc.				
Midwestern Airlines			MU	
Millenium Freight				
Miller-Crestar Helicopters Inc.				
Minuteman Aviation Inc. (heli + fixed wing)				
Mission Aviation Fellowship				

Mohawk			MO	
Mohawk Airlines <i>merged</i> > Allegheny Airlines > US Airways Express			ZO	
Monterey Airplane Co.	CA			
Mobile Air Center				
Mountain Air Cargo Inc. ( <i>subsidiary of Air Transportation Holdings Co.</i> ) ( <i>operated for FedEx</i> )		MB?		
Mountain Air Express		M7		
Mountain Air Services				
Mountain Bird <i>dba</i> > Salmon Air				
Mountain West Airlines > Mesa Air Group	AZ			
Murray Aviation Inc.				
Myrtle Beach Jet Express	SC	--		
Nantucket Airlines (Cape Air) (see also Hyannis Air Service Inc.)		9K	15	
National Capital Airways			9L	
National Helicopter Service & Engineering Co.				
National Jets Inc. ( <i>subsidiary of Carolina Aircraft Corp.</i> ) <i>dba</i> > National Jets Air Center				
Nations Express Inc.				
Natron Air				
Navajo Aviation				
New England Airlines Inc.		EJ	EJ	
New England Helicopter Inc.				
New Mexico Flying Service				
New World Jet Corp.				
New York Air > Continental		NY	NY	

New York Helicopter Corporation (Island Helicopters) <i>dba</i> > National Helicopter of America		HD	HD	
Norcross Helicopters Inc.				
North Central Texas Services <i>dba</i> > Care Flite (fixed & heli)				
North Continent Airlines			2N	
North West Group Inc. ( <i>subsidiary of</i> North West Geomatics Canada Inc.)				
Northeastern International			QS	
Northwest Airlink ( <i>operated by</i> Business Express; Express Airlines I; Horizon Air Industries; and Mesaba)				
NPA Inc. > United Express		NO*	NO	
Olson & Sons Inc. (Olson Air Service)		4B	4B	
Omni Air International ( <i>formerly</i> Omni Air Express)		X9	X9	
Omniflight Helicopters				
Orca Aviation Inc. <i>dba</i> > Riverside Air Service				
Otter Air		3Q	3Q	
Overseas Courier Service (OCS)				
Overseas National Airways Inc. ( <i>formerly</i> United Air Carriers Inc. (UACI)) > National Airways > PanAm (historical)			OV	
Ozark Air Lines Inc. (prospectus)				
Ozark Airlines (historical)			OZ	
PAB Aviation Inc. (heli)				
Pacific Coast Airlines		PQ	ID	
Pacific East Air			6P	
Pacific Express (historical)			VB	
Pacific Flights Inc. ( <i>affiliated with</i> Croman Corp.)				

Pacific Interstate			QT	
Pacific Island Aviation Inc. > Northwest Airlines		9J	9J	
Pacific Southwest Airlines (PSA) (ii) ( <i>subsidiary of US Airways Group Inc.</i> ) <i>dba</i> > US Airways Express		--	PS 16	
Pacific Wings ( <i>division of Air Nevada</i> )		LW		
Pak West Airlines <i>dba</i> > Sierra West Airlines				
Pan Am New Directions (iii)				
Pan American World Airways Inc. (PanAm (ii)) ( <i>subsidiary of Pan Am Corp.</i> ) (historical)		KW		
Panama Aviation Inc. <i>dba</i> > Panama Airways				
Panorama Air		PV	PV	
Papillon Airways Inc.		HI		
Papillon Grand Canyon Helicopters				
Paradise Island Airlines (see Chalk's/Paradise Airlines)		BK		
Paragon Air				
Peninsula Airways Inc. (PenAir) <i>dba</i> > Alaska Airlines Partnership Carrier/PenAir		KS	KS	
Pennsylvania Aviation Inc. (Wings Airways)		WQ	WQ	
Pensacola Aviation	FL			
People Express Airlines > Continental		PE	PE	
Petroleum Helicopters Inc. (PHI)				
Phoenix Air				
Phoenix Aviation Inc.				
Phoenix Leasing Corp. <i>dba</i> > Mid Pacific Air/Reno Air Express				

Piedmont Aviation (Piedmont Airlines Inc.) (subsidiary of US Airways Group Inc.) dba> US Airways Express		PI	PI 17	
Pilgrim Airlines			PM	
Pilot Air Freight				
Pine State Airlines (Aroostok Aviation Inc.)		PW*		
Pioneer Airways			JB	
Planemasters Ltd.				
Planet Airways				
Precision Valley Aviation > Northwest Airlines		RP	RP	
Premier Aviation Group Inc. (subsidiary of T.C.A.S. Aviation Insurance)				
Premier Jets Inc.				
Prestige Airways		OI		
Pride Air (historical)			NI	
Pro Air (Proair Inc.)		P9	P9	
Professional Air Service				
Promech Inc. dba> Seaborne Seaplane		Z3*	P3	
Pronghorn Aviation (Alturas Aviation)				
Provincetown-Boston Airlines (PBA) > Continental Express	MA		PT	
PSA (see Pacific Southwest Airlines (ii))				
Puerto Rico International Airlines Inc. (Prinair)	PR		PQ	
Quonset Airlines				
Rainier Helicopter Logging Inc. dba> Rainier Heavy-Lift				
Ram Air Freight Inc.				
Ransome Airlines			RZ	
Redding Air Service Inc. (helicopter)				
Redwing Aviation Inc. (Red Wing Air; Redwing Airways Inc.)		RX*	7R	
Reeves Air			RQ	

Reforestation Services Inc. (helicopter)				
Regal Air				
Reliant Airlines Inc.				
Reno Air Express ( <i>operated by</i> Phoenix Leasing Corp.)				
Republic Airlines > Northwest			RC	
Resort Air				
Resort Commuter		XK*	XK	
Rhodes Aviation Inc.				
Richmor Aviation Inc.				
Rio Airways			XO	
Rocky Mountain Airways > Continental Express		JC	JC	
Rocky Mountain Aviation				
Rogers Helicopters Inc.				
Rolla Flying Service				
Ross Aviation Inc.		ZD	ZD	
Rouser Air Charter				
Rover Airways International Inc.		5R		
Royal Air Freight Inc.				
Royal Hawaiian Airways			ZH	
Royale Airlines		--	QQ	
Royale Helicopter Services Inc.				
RPS				
RSVP Jet Inc.				
Ryan Air Service Inc. <i>dba</i> > Arctic Transportation Services		XY	XY	
Ryan International Airlines				
Saber Cargo Airlines Inc.				
Sacramento Executive Helicopters Inc.				
Safe Air International <i>dba</i> > Inland Express				
Sailboats Inc.				
St Louis Helicopter Airways Inc.				
Salaika Aviation (helicopter)				
Salair Inc. > Air Alaska Cargo Inc.		8S		
Sallee's Aviation			PN	
Samoa Airlines		SE	MB	
San Antonio Helicopter Service				
San Joaquin Helicopters				
San Juan Airlines		YS	YS	
Scenic Air Inc.		3L		

Scenic Airlines		YR	YR	
Schaefer Air Service Inc. ( <i>division of Schafer Ambulance Co.</i> )				
Seaboard World Airlines (historical)			SB	
Seaborne Aviation Inc.	AK VI	BB*		
SeaCoast Airlines				
Seagull Air Service		5N	5N	
Seair Alaska Airlines			KJ	
Seaplanes of Key West				
Seneca Flight Operations ( <i>division of Seneca Foods Corp.</i> )				
Servair West Inc.				
Service By Air				
Shier Aviation Corporate Helicopters ( <i>subsidiary of Shier Aviation Group</i> )				
Shoreline Aviation				
Shuttle America		S5?		
Sierra Nevada Airways Inc.		11* ZS?		
Silver Bay Logging Inc. Aviation Div. (heli)				
Silver Ranch Airpark Inc.				
Skagway Air Service Inc.	AK	7J*	5U	
Sky Aviation ( <i>division of Hawkins &amp; Powers Aviation Inc.</i> )				
Sky Harbor Air Service				
Sky Helicopters Inc.				
Sky Trekking Alaska	AK			
Sky West Airlines (SkyWest) <i>dba</i> > Delta Connection, Continental Connection & United Express		OO	QG	
Skybird Aviation Inc.				
Skybus			FW	



Skybus Express			XF	
Skyhawk Helicopter Services Inc.				
Skystar International			7S	
SkyTeam Airlines		UQ*		
Skyway Enterprises Inc.				
Skyway Airlines/The Midwest Express Connection (see also Astral Aviation)		AL	AL	
Skyworld Airlines			73	
Smithair Inc.				
Sound Flight Inc. (Soundflight)				
South Pacific Island			HK	
South Sea Helicopter Corporation dba> South Sea Tours				
Southeast Airmotive Corp.				
Southeast Mississippi Air Ambulance Direct (heli) (Rescue-7)				
SouthCentral Air Inc.		XE	XE	
Southern Airways > Republic > Northwest Airlines			EC	
Southern Express			ZE	
Southern Jersey Airways		6J	6J	
Southwest Aviation Inc. dba> Midwest Aviation				
Specialized Transport International Inc.				
Spirit of America			IM	
Springdale Air Freight Inc.				
Springdale Air Service Inc.				
Star Aviation Inc.				
Statewest Airlines		YW	YW	
Sterling Airways Inc.				
Suburban Air Freight Inc.				
Sugarpine Aviators				
Summit Aviation Corp. (heli)				
Sun West Airlines			KY	
Sunaire (Aviation Assoc.)		OY	OY	
Sunbird Aviation Inc.				

Sunbird Inc. > Apple Vacations		B6	FS	
Suncoast Airlines			WS	
Suncoast Flying Services				
Suncoast Helicopters Inc. (division of Huizenga Holding Co.)				
Sundance Helicopter Inc.				
Sunrise Airlines <i>dba</i> > Jun Air Express		OQ?		
Sunshine Airlines		-- SO		
Superior Aviation Inc.		AB*		
SurfAir Inc.				
T-Bird Air			DQ	
Taft Air Inc.				
Talarik Creek Air Taxi			8T	
Talkeetna Air Taxi	AK			
Tanana Air Service (Bidza Ta Hot Aana Corp.)	AK	4E*	4E	
Taquan Air Service Inc.	AK	9Q K3?	9Q	
Tar Heel Aviation Inc.				
Target Airways Ltd. (Great American Airways)		MV		
Team Worldwide				
Telford Aviation Inc.				
Texas International > Continental	TX	TI	TI	
Texas National Airlines	TX		6B	
The Coast Airlines				
The Delta Connection (Comair)		OH	OH	
The Flight International Group Inc.				

The Midwest Express Connection/Skyway Airlines (operated by Astral Aviation Inc.)		AL	AL	
Thunderbird Airways Inc.				
TIE Aviation dba> Trans International Express		5B		
Tol Air Services Inc. dba> Tolair	PR	TI*		
Total Air			5T	
Towle Enterprises Inc. dba> Twin Air Service				
Tradewinds Airlines Inc. (Puerto Rico) (moved to Greensboro, NC)	PR NC	WI?		
Trail Ridge Air				
Trail's End Aerial Dispersion Inc.				
TranStar Airlines (Muse Air) (historical) > Southwest Airlines	TX		MC	
Trans Air (Trans Executive Airlines of Hawaii Inc.) > Scenic Pacific Air	HI	P6	GO	
Trans Alaska Helicopters	AK			
Trans Colorado Airlines > Continental Express	CO		VJ	
Trans Executive Airlines of Hawaii Inc. dba> Transair/Scenic Pacific/Tropical Air Tours (see also Trans Air)	HI	P6	GO	
Trans Florida Airlines Inc.				
Trans Midwest Airlines			7T	
Trans Mo Airlines	MO	--	XU	
Trans North Aviation Ltd.		4Q?		
Trans Northern Airways Inc. (division of T.N.A. Inc.)				
Trans-Florida Airlines Inc.	FL			
Transamerica Airlines > Perfect Tours			TV	
Transit Aviation of Lake Charles Inc.	LA			
TransMeridian Airlines	GA			
Transportation Systems Inc. dba> Western Air Express				
Travis Aerial Inc.				
Tri-Star Aviation Corp.				

Tropic Air Charters				
Tropicair	VI			
Tropics International			UM	
T.S.P.I. dba> Action Helicopter Service				
Tulip City Air Service dba> Tulip City Executive Express				
TXI Aviation (subsidiary of Texas Industries Inc.)	TX			
Umiat Enterprises Inc.	AK			
Unduplicated Commuter		--	XX	
United Express (operated by Air Wisconsin; Atlantic Coast Airlines; Great Lakes Aviation; Sky West Airlines; Trans States Airlines Inc.; and UFS Inc.)				
United States Postal Service (USPS)				
Unknown		--	3K	
US Airways Express (subsidiary of US Airways Group Inc.) (operated by Air Midwest; Allegheny Airlines; CCAir; Chautauqua Airlines; Commutair; Mesa Airlines; Piedmont Airlines; PSA Airlines; and Trans States Airlines)			PI PS  ZO	
US Helicopters Inc.				
USA Airmobile Inc. (heli)				
Uyak Air Service	AK			
Valley Airlines		2V	2V	
Valley Aviation				
Vee Neal Aviation Inc.				
Vernair				
Versatile Helicopters Inc.				
Viking Express Inc.				
Vintage Props & Jets Inc.				
Vieques Air Link	PR	VI	VI	
Village Aviation Inc. dba> Camai Air	AK	R9*	3C	
Virgin Air dba> Air St Thomas	VI	ZP	ZP	
Virgin Islands Seaplane Shuttle	VI	3G	3G	

Walkers International (Walkers Cay Airlines)		XW	XW	
Wall Street Helicopters Inc.				
Warbelow's Air Ventures Inc.		4W		
Ward Air Inc.	AK			
Wayfarer Aviation				
West Air Inc. (Westair Inc.) (operated for FedEx)				
West Coast Air Charter Inc.				
West Isle Air Inc.		-- 7Y		
West Florida Helicopters Inc.	FL			
West Michigan Air Care (heli) (joint venture-Borgess Medical Center & Bronson Methodist Hospital) dba> Air Care	MI			
Westates Airlines		WS	WS	
Western Adventure Tours				
Western Air Express				
Western Airlines (historical)			YB	
Western Alaska Airlines	AK		WK	
Western Helicopter Services Inc.				
Western Yukon Airlines	AK		2Y	
Westflight Aviation			7W	
Weyerhaeuser Co. Aviation (heli) (division of Weyerhaeuser Co.)				
Wheeler Airlines			WR	
Whirl-Away Helicopters Inc.				
Wien Airlines (Wien Alaska Arctic Airlines)	AK		WC	
Wiggins Airways Inc. (fixed + heli) (operated for FedEx and UPS)				
Will's Air			YW	
Winair Inc.				
Wings Airways (see Pennsylvania Aviation Inc.)		WQ	WQ	

Wings of Alaska Airlines (Alaska Juneau Aeronautics)	AK	K5*	SE	
Wings of Hope Inc.				
Wings West Airlines > American Eagle		RM	RM	
Wisconsin Aviation-Watertown ( <i>division of Wisconsin Aviation Inc.</i> )				
Wolf International Airlines <i>dba</i> > International Charter Brokers		ZE		
Wolfe Air Aviation Ltd. (heli)				
World-Wide Air Ferries ( <i>division of Aero LLOYD</i> )				
Worldwide Airlines		L8	5W	
WRA Inc./Caribbean Wings	PR	8R	8R	
Wrangell Air Service	AK	4W	4W	
Wrangell Mountain Air	AK			
Wright Air Service Inc.		8V	8V	
Yankee Airways Inc. <i>dba</i> > Nutmeg Aviation				
Yellowstone Air Service Inc.				
Yutana Airlines (Alaska Central Express)	AK	YT?		
Yute Air Alaska Inc.	AK	4Y	4Y	
Zebra Air Inc. (heli)				

*Note: All carriers with no DOT Code are classified as “Unduplicated Commuter” with code “XX” in the O&D Plus System.*