Terminal Area Forecast Summary
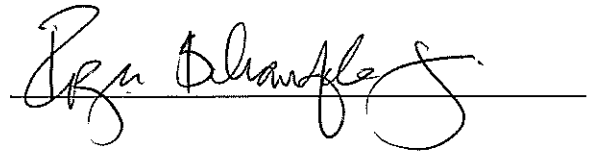
Fiscal Years 2005-2025

March 2006

Preface

This publication provides aviation data users with summary historical and forecast statistics on passenger demand and aviation activity at U.S. airports. The summary level forecasts are based on individual airport projections.

The Terminal Area Forecast (TAF) includes forecasts for active airports in the National Plan of Integrated Airport Systems (NPIAS). The Federal Aviation Administration's (FAA) Statistics and Forecast Branch, Office of Aviation Policy and Plans, develops the TAF. As its primary input, the TAF initially used the national forecasts of aviation activity contained in *FAA Aerospace Forecasts, Fiscal Years 2005-2016 (March 2005)*. The final TAF considers the forecasts and assumptions contained in *FAA Aerospace Forecasts, Fiscal Years 2006-2017*. The tables for the national forecasts can be found at http://www.faa.gov/data_statistics/aviation /aerospace_forecasts/2006-2017/.

The TAF can be accessed from the Internet. The TAF model and TAF database are located at http://www.apo.data.faa.gov/. The TAF model allows users to create their own forecast scenarios. The TAF database, which contains a query data application, allows the public to access and print historical (1976 to 2004) and forecast (2005 to 2025) aviation activity data by individual airport, state, or FAA region.

The FAA welcomes public comment on the forecasts, as well as suggestions for improving the usefulness of the TAF.

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Acknowledgments

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Summary Historical and Forecast Highlights

- A total of 688.3 million passengers were enplaned at U.S. airports in 2004; FAA and Federal contract towered airports accounted for 684.7 million enplanements.

- The top 100 air carrier airports accounted for 649.4 million enplanements in 2004, or 94 percent of total U.S. enplanements.

- FAA towers handled 47.0 million operations (takeoffs and landings) in 2004, including 23.4 million commercial aircraft operations.

- FAA contract towers handled 16.8 million operations in 2004, including 1.8 million commercial operations.

- The 35 Operational Evolution Plan (OEP) airports enplaned 503.6 million passengers in 2004. These airports are projected to enplane 942.9 million passengers in 2025, an 87.3 percent increase over the forecast period (or 3.0 percent annually).

- The 30 large hub airports[1] enplaned 473.3 million passengers in 2004. These airports are projected to enplane 897.1 million passengers in 2025, an 89.5 percent increase over the 21-year period (or 3.1 percent annually).

- The 37 medium hub airports[2] recorded 138.8 million enplanements in 2004. These airports are projected to enplane 267.9 million passengers in 2025, a 93.0 percent increase over the 21-year period (or 3.2 percent annually).

- Atlanta (40.6 million enplanements), Chicago O'Hare (35.4 million), Los Angeles (28.2 million), Dallas/Ft.Worth (27.5 million), and Denver (20.0 million) led U.S. commercial airports in passenger enplanements, accounting for 22.1 percent of enplanements at U.S. airports.

- Atlanta is projected to remain the country's busiest airport, as measured by passenger enplanements, through the forecast period with a projected 64.7 million enplaned passengers in 2025. Chicago O'Hare is projected to enplane 61.3 million passengers in 2025, followed by Los Angeles with 56.5 million enplanements.

- Enplanements at Washington Dulles, Philadelphia, and Ft. Lauderdale airports are projected to grow fastest among the 35 OEP airports. The annual growth rates at these airports are forecast to increase by 5.8, 4.6, and 4.2 percent per year, respectively, over the forecast period.

- In terms of total operations, Chicago O'Hare was the busiest U.S. airport in 2004 with 989,000 aircraft operations. Atlanta and Dallas/Ft. Worth were the second and third busiest airports with 962,000 and 816,000 operations, respectively.

- In 2025, Chicago O'Hare is expected to remain the busiest airport in the nation, as measured by total operations, with a projected 1.5 million operations. Atlanta (1.3 million operations) is projected to

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[1] Airports enplaning one percent or more of total enplanements.
[2] Airports enplaning 0.25 to 0.99 percent of total enplanements.

stay in second place with Las Vegas (1.1 million operations) moving up to third place.

- The FAA's Southern region airports enplaned more passengers than any other region with 157.7 million passengers in 2004, or 23 percent of U.S. enplanements. The Western Pacific region was second with 142.4 million enplanements, or 21 percent of the total.

- The Southern region is expected to maintain its lead in passenger enplanements, reaching 289.6 million by 2025. The Western Pacific region is projected to remain in second place with 283.8 million enplanements.

- The Southern region also led all FAA regions in the number of airport operations with 25.9 million in 2004. The Southern region is expected to remain first in 2025 with 32.1 million operations. The Great Lakes and Western Pacific regions ran second and third in airport operations in 2004 with 20.1 and 20.0 million, respectively. In 2025, the Western Pacific region is projected to move into second place with 25.7 million operations and the Great Lakes region is projected to drop into third place with 23.8 million operations.

Forecast Process

Introduction

The Terminal Area Forecast (TAF) contains historical and forecast data for enplanements, airport operations, instrument operations, and based aircraft. The data cover the 266 FAA towered airports, 227 Federal contract tower airports, 31 terminal radar approach control facilities, and 2,987 non-FAA airports as of September 30, 2004. Data in the TAF are presented on a U.S. Government fiscal year basis (October through September).

The TAF is available on the Internet. The TAF model and TAF database are located at http://www.apo.data.faa.gov/. The TAF model allows users to create their own forecast scenarios. The TAF database allows public access to historical and forecast aviation activity data by individual airport, state, or FAA region. In addition, archives of the TAF from previous years are available at http: //www.faa.gov/ data_statistics /aviation/ taf_reports/.

The TAF is prepared to assist the FAA in meeting its planning, budgeting, and staffing requirements. In addition, state aviation authorities and other aviation planners use the TAF as a basis for planning airport improvements.

This document presents a set of summary tables on airport activity statistics. The airport activity data contained in the TAF consist of the following:

♦ *enplanements (sum of originating and connecting passengers)* for air carriers and regionals;

♦ *itinerant operations* for air carriers, commuters and air taxis, general aviation (GA), and military aircraft;

♦ *local operations* for GA and military aircraft; and

♦ *total instrument operations* for aircraft operations under radar control.

Data presented in the TAF show historical information from 1976 through 2004 and forecasts for 2005 to 2025.[3] Appendix A provides a detailed description of the activity data elements in the TAF. Appendix B provides a list of FAA airports by hub size and a list of FAA contract towers.

Forecast Method

Aviation activity forecasts for FAA-towered and Federal contract towered airports are developed using historical relationships between airport passenger demand and/or activity measures and local and national factors that influence aviation activity. Each estimate is examined for its reasonableness and consistency by comparisons with historical trends of airport activity. If forecasts deviate from their expected trend, FAA uses other statistical techniques to reforecast the series. Other methods may include use of regression analysis and the use of growth rates developed separately from the TAF. The TAF may incorporate estimates prepared by local authorities and/or recent FAA-approved airport master plan forecasts, when FAA forecast staff concludes that the methods used to develop these forecasts are acceptable.

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[3] Operations data for FAA towers and Federal contract towers for 2005 are actual.

In addition, the 35 airports in FAA's Operational Evolution Plan (OEP) as well as eight secondary commercial service airports in the large hub cities receive a more in-depth review by FAA economists. The analyses of these hub city airports include additional consideration for the effect of local economic variables (such as income and employment) and the growth of originating and connecting traffic as well as the price of flying from that airport. The hub forecasts also include assumptions regarding the seating capacity and load factors for commercial aircraft operating out of the airport. The volatility in aviation activity necessitated increased efforts to develop the near-term forecasts for the large hub airports. These efforts included the use of airport authority statistics to estimate baseline passenger levels; the use of future Official Airline Guide (OAG) schedules to project near-term departures and seats; and the use of month-over-month trends in enplanements per departure to project near-term enplanement and activity levels.

The TAF assumes an unconstrained demand for aviation services based upon local and national economic conditions as well as conditions within the aviation industry. In other words, an airport's forecast is developed independent of the ability of the airport and the air traffic control system to furnish the capacity required to meet demand. However, if the airport historically functions under constrained conditions, the FAA forecast may reflect those constraints since they are embedded in historical data. In statistical terms, the relationships between economic growth data and data representing growth in aviation activity reflect those constraints.

Because military operations forecasts have national security implications, the Department of Defense (DOD) provides only limited information on future aviation activity.

Hence, the TAF projects military activity at its present level except when FAA has specific knowledge of a change. For instance, DOD may announce a base closing or may shift an Air Force wing from one base to another.

For all FAA towered airports and non-FAA facilities with air carrier or regional passenger service, the TAF corresponds to prevailing local and national trends. For non-FAA facilities, which rely solely on Form 5010 data for aviation activity levels, operations levels are held constant unless otherwise specified by a local or regional FAA official.

Forecast Review Process

Initially, FAA headquarters staff and management review FAA and Federal contract tower airport forecasts. These preliminary estimates are then submitted to FAA regional and district offices for review. Suggested changes made by the FAA regional staff are reviewed and, if determined reasonable by APO staff economists, are incorporated into the TAF. Significant increases in commercial activity are normally incorporated into the TAF only where APO receives verifiable evidence of a firm commitment by an air carrier or regional airline to initiate new service.

Summary statistics presented in the TAF differ marginally from the national totals contained in *FAA Aerospace Forecasts: Fiscal Years 2006-2017*. Reasons for the differences are threefold. First, the TAF forecast methods rely, in part, upon an airport's historical national share of aviation activity, but also consider airport specific trends. In particular, large hub airport forecasts are based, in part, on the projected local economic activity and airport specific airline fares. Second, the TAF includes facilities not serviced by

the FAA in its totals. These facilities make up a large share of the general aviation operations activity shown in the summary tables. Finally, individual forecasts are not scaled to force aggregates to equal national totals.

Data Sources

The development of the TAF begins with an update of the latest historical enplanement, operation, and based aircraft statistics, using information derived from several sources. FAA's National Flight Data Center provides general airport information such as the airport name, location, and location identifier. Airport operations and instrument (radar assisted) operations data for airports with FAA and Federal contract air traffic control services are reported by FAA air traffic and Federal contract tower staff. Operations at non-FAA airports are taken from FAA Form 5010 reports on aviation activity at the

airport as estimated by FAA inspectors or information provided by airport managers, state aviation activity surveys, and other sources.

U.S. domestic and international (U.S. and foreign flag carriers) enplanements are derived from the Department of Transportation's T-100 database. Regional enplanements are derived from DOT T-100 and 298-C data.[4]

Based aircraft data are supplied by state aviation officials and reported on FAA Form 5010. These data show numbers of aircraft, mostly general aviation aircraft, permanently based at an airport.

The TAF contains actual historical operations data through fiscal year 2005 for FAA and Federal contract tower airports. Enplanement data for fiscal year 2005 are estimates. Appendix A contains a detailed description of each TAF data element.

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[4] In October 2002, DOT began collecting data for all airlines using the T-100 format. This change provides more detail on regional airlines, who previously reported on Form 298-C.

TAF and National Forecast Totals

Recovery of Commercial Activity

The dual impact of the 2001 recession and terrorist events of September 11, 2001 put the airline industry into a tailspin from which it is just pulling out. The following table shows the year each of the 35 OEP airports is projected to return to and maintain a level of commercial operations above that in 2000.[5]

35 OEP Airports by Year Level of Commercial Operations Returns to 2000 Level			
Airport	Year	Airport	Year
FLL	2001	MCO	2005
LAS	2001	PHX	2005
MEM	2001	BWI	2005
MSP	2002	TPA	2006
SLC	2002	EWR	2007
LGA	2003	MDW	2008
ORD	2003	IAD	2010
ATL	2004	CVG	2012
CLT	2004	BOS	2013
DCA	2004	DFW	2013
DEN	2004	MIA	2013
DTW	2004	LAX	2014
IAH	2004	PDX	2014
PHL	2004	SFO	2014
SAN	2004	SEA	2016
HNL	2005	CLE	2017
JFK	2005	PIT	after 2025
		STL	after 2025

[5] MDW, IAD, and CVG had actual 2005 commercial operations exceed those in 2000. Starting in 2006 these airports are forecast to decline below their 2000 levels for part of the forecast period based on changes in carrier schedules.

FAA has designated the OEP airports as those airports most important to the commercial capacity of the national airspace system. The aviation industry downturn in the early years of this decade has resulted in structural changes that have substantially affected several large hubs. For instance, US Airways and American Airlines have pulled down their respective hubs in Pittsburgh and St. Louis. Fourteen of the OEP airports are projected to return to their 2000 level after 2006. In two cases, Pittsburgh and St. Louis, commercial operations are not expected to return to their 2000 level during the forecast period.

National Forecast Trends

Trends at individual airports reflect to varying degrees national aviation trends as well as the dynamics at individual airports. The national forecasts for FAA towered airports reflected in *FAA Aerospace Forecasts Fiscal Years 2006 – 2017* show aircraft operations growing at an average annual rate of 2.0 percent over the 12-year forecast period. Average annual growth rates for this period by user group are as follows: air carrier, 2.4 percent; air taxi/commuter, 2.4 percent; and general aviation, 1.6 percent. The projected average annual rate of increase for enplanements on U.S. mainline air carriers from the national forecast is 2.8 percent over the 12-year forecast period. Regional enplanements are projected to increase 4.3 percent annually.

Trends by Region

In fiscal year 2004, the FAA served 266 towers and 227 Federal contract towers. California had the most FAA towers with 33, followed by Texas with 19 and Florida with 18. Regions with the most FAA towers were Southern with 51 and Western Pacific and Great Lakes, with 48 each. Table S-3 presents the number of FAA and Federal contract towers by region and state.

Tables S-6 through S-11 summarize airport operations, instrument operations, enplanements, and based aircraft by region from 2000 through 2025. The Southern (25.9 million operations), Great Lakes (20.1 million), and Western Pacific (20.0 million) regions ranked as the top three FAA regions in airport operations in 2004. Operations for all TAF airports totaled 120.7 million. The Northwest Mountain and Western Pacific regions are projected to be the fastest growing FAA regions from 2004 to 2025 in terms of airport operations, increasing 32 percent and 29 percent, respectively.

The Southern region led FAA regions in passengers enplaned with 157.7 million in 2004, followed by the Western Pacific region with 142.4 million passengers. Enplanements in the Eastern region are projected to increase the most in percentage terms increasing 103 percent from 2004 to 2025. Enplanements in the Western Pacific and New England regions are projected to increase the next fastest over the forecast period, each increasing 99 percent.

In 2004, there was a national total of 200.2 thousand based aircraft. Western Pacific (38.3 thousand aircraft), Southern (36.0 thousand), and Great Lakes (33.1 thousand) ranked as the top three FAA regions.

Large, Medium, and Small Hubs

Table S-5 presents passenger enplanements and airport operations by hub size. An airport qualifies as a *large* hub with one percent or more of total U.S. passenger enplanements. A *medium* hub airport enplanes from 0.25 to 0.99 percent of total U.S. passenger enplanements while *small* and *non*-hub airports enplane from 0.05 to 0.249 percent and less than 0.05 percent, respectively. Appendix B contains a list of hub airports classified by size (large, medium, small, and non-hub) as well as a list of Federal contract towers.

The 30 large hub airports enplaned 473.3 million passengers in 2004 while the 37 medium and 68 small hub airports enplaned 138.8 and 54.6 million passengers, respectively. The 358 non-hub airports enplaned 18.0 million passengers. Enplanements at large hubs are expected to increase at an annual rate of 3.1 percent over the 2004 to 2025 forecast period. Medium and small hub airports are forecast to increase 3.2 percent and 3.1 percent annually, respectively, during the forecast period.

Operations at large hub airports totaled 14.0 million compared to levels of 7.8 and 8.5 million at medium and small hub airports, respectively. Operations at large hub airports are forecast to increase at an annual rate of 2.3 percent from 2004 to 2025, growing to 22.5 million. Operations at the medium hubs are forecast to rise at an annual rate of 2.0 percent from 2004 to 2025; aircraft operations at small hub airports are forecast to grow only 1.4 percent per year.

Non-hub airports accounted for 33.6 million operations or 53 percent of total operations at FAA and Federal contract towers. General aviation aircraft operations accounted for the

majority of operations at these smaller airports.

35 OEP Airports

Table S-1 presents enplanement forecast summaries for the 35 OEP airports. Atlanta was the busiest airport in 2004 (40.6 million enplanements), followed by Chicago O'Hare (35.4 million), Los Angeles (28.2 million), and Dallas/Ft. Worth (27.5 million). Los Angeles and Chicago O'Hare are forecast to have the strongest growth in enplanements among the top four airports, increasing at annual rates of 3.4 percent and 2.6 percent, respectively, over the 2004 to 2025 forecast period. Dallas/Ft. Worth is forecast to increase at an annual rate of 2.3 percent and Atlanta at 2.2 percent. Graph S-1 shows relative enplanements growth over the next 21 years. The five airports with the fastest projected increase are Washington Dulles, Philadelphia, Ft. Lauderdale, Minneapolis, and John F. Kennedy.

Washington Dulles, Philadelphia, and Ft. Lauderdale are projected to make the largest upward movements in ranking of enplanements. Washington Dulles moves up from 23rd to 12th, Philadelphia moves up from 17th

to 10th, and Ft. Lauderdale moves up from 24th to 19th position. Hub airports with the largest drop in hub rankings are LaGuardia (from 20th to 25th), Denver (from 5th to 9th), Newark (from 12th to 16th), and Pittsburgh (from 31st to 35th).

Table S-2 presents operations forecast summaries for the 35 OEP airports. In 2004, FAA controllers at Chicago O'Hare handled 989,000 landings and takeoffs, a workload slightly higher than Atlanta, which totaled 962,000 operations. The next busiest airports were Dallas/Ft. Worth and Los Angeles with 816,000 and 646,000 airport operations, respectively.

In 2025, Chicago O'Hare is projected to have the largest number of operations with 1.5 million followed by Atlanta with 1.3 million. Las Vegas is projected to move into 3rd place in 2025 with 1.1 million operations.

Graph S-2 shows that the three airports projected to grow the fastest in operations are Washington Dulles, John F. Kennedy, and Philadelphia. Washington Dulles and Philadelphia are expected to move into the list of the top 10 busiest airports; Denver and Cincinnati are expected to drop out of the top 10 ranking.

Table S-1.
Enplanements At The 35 OEP Airports
(In Thousands)

Loc ID	Reg	Airport Name	2004	2004* Percent	2005	2009	2025	Airport Ranking 2004	Airport Ranking 2025
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	40,620	5.90	42,858	43,863	64,731	1	1
ORD	AGL	CHICAGO O'HARE INTL	35,416	5.15	35,744	40,828	61,288	2	2
LAX	AWP	LOS ANGELES INTL	28,211	4.10	29,232	32,565	56,460	3	3
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	27,547	4.00	27,928	30,432	44,834	4	4
DEN	ANM	DENVER INTL	20,034	2.91	20,659	23,384	34,403	5	9
LAS	AWP	MC CARRAN INTL	19,236	2.79	21,197	24,824	41,579	6	5
PHX	AWP	PHOENIX SKY HARBOR INTL	18,939	2.75	20,128	22,898	36,585	7	8
JFK	AEA	JOHN F KENNEDY INTL	17,827	2.59	20,161	23,576	40,521	8	6
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	17,160	2.49	17,799	20,756	39,121	9	7
IAH	ASW	GEORGE BUSH INTERCONTINENTAL	16,968	2.47	18,666	21,135	32,892	10	11
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	16,691	2.43	17,710	19,605	29,263	11	14
EWR	AEA	NEWARK LIBERTY INTL	15,478	2.25	15,892	17,912	27,871	12	16
SFO	AWP	SAN FRANCISCO INTERNATIONAL	15,364	2.23	15,880	18,090	31,065	13	13
MCO	ASO	ORLANDO INTL	14,823	2.15	16,398	18,624	28,805	14	15
MIA	ASO	MIAMI INTL	14,584	2.12	14,962	17,169	23,188	15	18
SEA	ANM	SEATTLE-TACOMA INTL	13,861	2.01	14,245	16,100	23,727	16	17
PHL	AEA	PHILADELPHIA INTL	13,014	1.89	15,339	18,560	33,484	17	10
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	12,371	1.80	·13,024	14,981	22,676	18	20
CLT	ASO	CHARLOTTE/DOUGLAS INTL	12,130	1.76	13,828	13,928	21,502	19	21
LGA	AEA	LA GUARDIA	12,004	1.74	13,345	14,581	17,708	20	25
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	10,743	1.56	11,507	9,929	18,010	21	23
BWI	AEA	BALTIMORE-WASHINGTON INTL	10,094	1.47	9,751	11,140	18,962	22	22
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	9,641	1.40	13,249	13,422	31,654	23	12
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	9,615	1.40	10,821	12,456	22,959	24	19
HNL	AWP	HONOLULU INTL	9,250	1.34	9,774	10,849	16,178	25	27
MDW	AGL	CHICAGO MIDWAY INTL	9,250	1.34	8,428	10,332	17,961	26	24
SLC	ANM	SALT LAKE CITY INTL	8,822	1.28	10,315	11,233	16,259	27	26
TPA	ASO	TAMPA INTL	8,153	1.18	9,169	10,161	16,087	28	28
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	7,995	1.16	8,570	9,800	15,554	29	29
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	7,470	1.09	8,514	9,579	11,795	30	30
PIT	AEA	PITTSBURGH INTERNATIONAL	6,796	0.99	5,106	5,405	6,837	31	35
STL	ACE	LAMBERT-ST LOUIS INTL	6,646	0.97	6,672	7,520	10,676	32	32
PDX	ANM	PORTLAND INTL	6,286	0.91	6,703	7,672	11,722	33	31
MEM	ASO	MEMPHIS INTL	5,290	0.77	5,655	5,743	7,116	34	34
CLE	AGL	CLEVELAND-HOPKINS INTL	5,212	0.76	5,515	6,028	9,426	35	33
Totals			503,558	73.15	534,765	595,099	942,915		

*Percent of total US enplanements.

Graph S-1. Enplanements Growth Rates For The 35 OEP Airports - 2004 to 2025

Annual Growth Rate

IAD FLL JFK SFO TPA MCO IAH BWI SLC CLE CLT HNL DEN CVG STL MIA LGA PIT

PHL MSP LAS LAX SAN MDW PHX PDX BOS EWR DTW ORD SEA DFW ATL DCA MEM
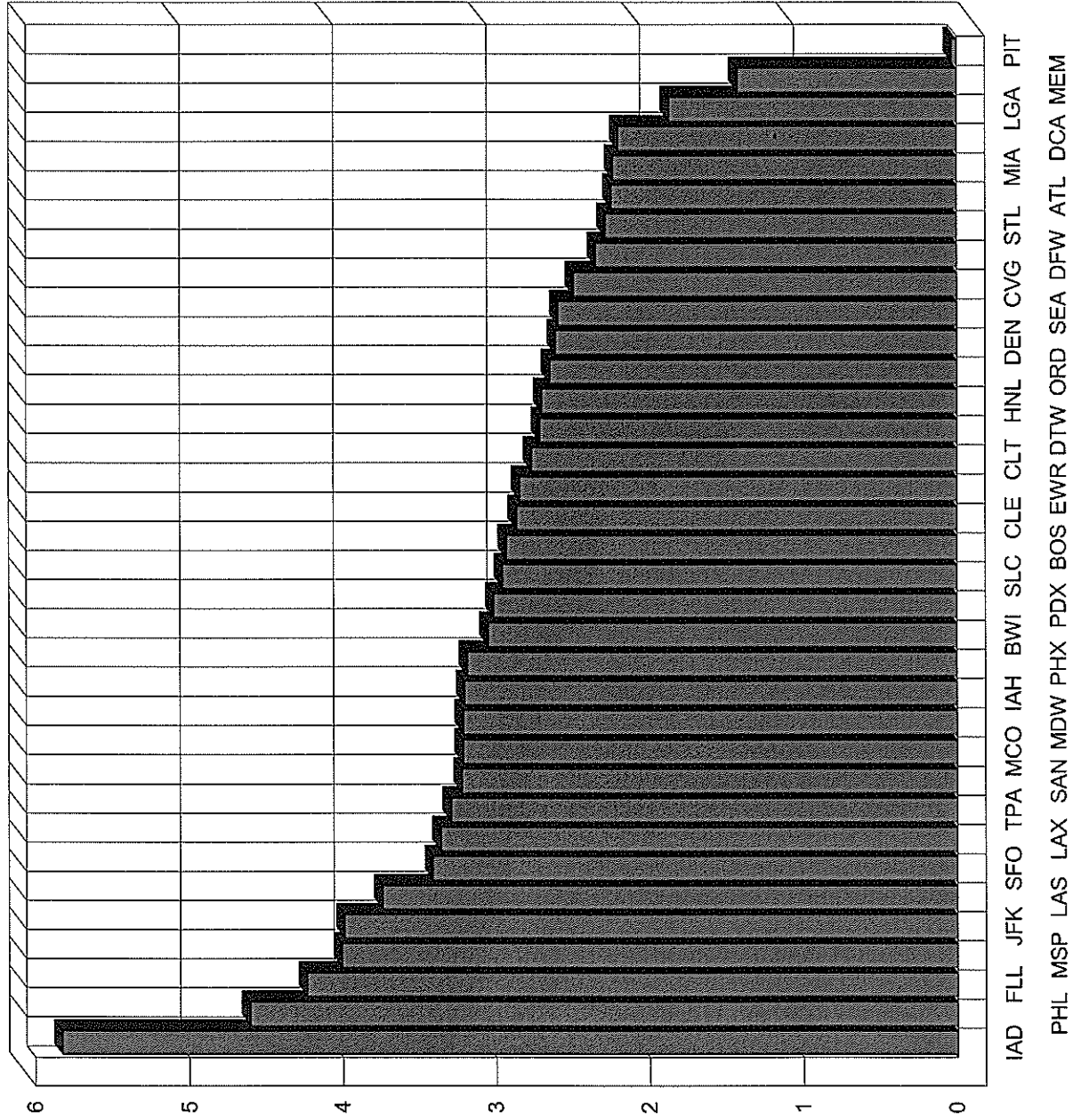
Table S-2.
Airport Operations At The 35 OEP Airports
(In Thousands)

Loc ID	Reg	Airport Name	2004	2004* Percent	2005	2009	2025	Airport Ranking 2004	2025
ORD	AGL	CHICAGO O'HARE INTL	989	0.82	980	1,100	1,473	1	1
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	962	0.80	984	1,051	1,340	2	2
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	816	0.68	739	805	1,087	3	5
LAX	AWP	LOS ANGELES INTL	646	0.54	653	709	1,091	4	4
PHX	AWP	PHOENIX SKY HARBOR INTL	596	0.49	559	627	909	5	10
DEN	ANM	DENVER INTL	567	0.47	566	641	842	6	11
LAS	AWP	MC CARRAN INTL	562	0.47	605	734	1,119	7	3
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	533	0.44	543	614	1,027	8	6
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	519	0.43	518	440	674	9	16
IAH	ASW	GEORGE BUSH INTERCONTINENTAL	513	0.43	551	651	919	10	9
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	513	0.43	531	607	810	11	12
CLT	ASO	CHARLOTTE/DOUGLAS INTL	458	0.38	518	538	738	12	13
PHL	AEA	PHILADELPHIA INTL	455	0.38	534	591	960	13	8
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	438	0.36	588	521	996	14	7
EWR	AEA	NEWARK LIBERTY INTL	434	0.36	440	497	699	15	15
SLC	ANM	SALT LAKE CITY INTL	421	0.35	446	467	598	16	19
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	409	0.34	428	484	659	17	17
LGA	AEA	LA GUARDIA	398	0.33	408	416	416	18	28
MIA	ASO	MIAMI INTL	397	0.33	386	443	558	19	24
MEM	ASO	MEMPHIS INTL	382	0.32	395	442	584	20	20
SEA	ANM	SEATTLE-TACOMA INTL	357	0.30	346	391	563	21	23
PIT	AEA	PITTSBURGH INTERNATIONAL	355	0.29	278	261	334	22	34
SFO	AWP	SAN FRANCISCO INTERNATIONAL	352	0.29	350	394	575	23	22
MDW	AGL	CHICAGO MIDWAY INTL	341	0.28	301	308	457	24	27
JFK	AEA	JOHN F KENNEDY INTL	318	0.26	360	427	709	25	14
MCO	ASO	ORLANDO INTL	316	0.26	357	406	583	26	21
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	308	0.26	336	400	605	27	18
BWI	AEA	BALTIMORE-WASHINGTON INTL	307	0.25	312	350	522	28	25
HNL	AWP	HONOLULU INTL	307	0.25	334	362	463	29	26
STL	ACE	LAMBERT-ST LOUIS INTL	300	0.25	296	321	389	30	31
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	268	0.22	277	291	311	31	35
PDX	ANM	PORTLAND INTL	264	0.22	260	295	399	32	29
CLE	AGL	CLEVELAND-HOPKINS INTL	253	0.21	261	283	386	33	32
TPA	ASO	TAMPA INTL	238	0.20	269	300	399	34	30
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	212	0.18	225	253	368	35	33
Totals			15,522	12.85	15,955	17,438	24,580		

*Percent of total US operations.

Graph S-2. Airport Operations Growth Rates For The 35 OEP Airports - 2004 to 2025
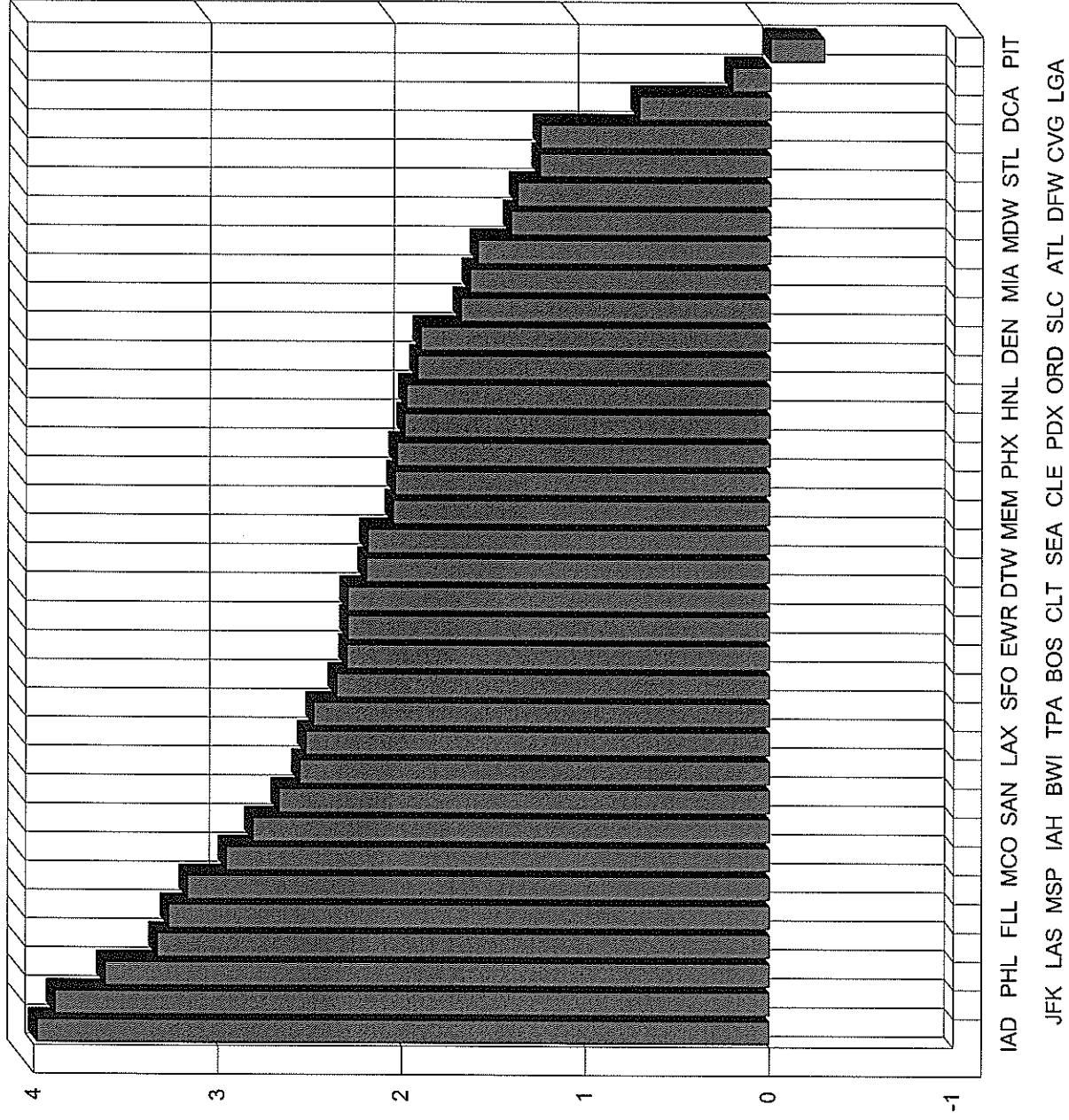
Table S-3.
Air Traffic Control Towers and Contract Towers by Region and State

As of September 30, 2004

Region/State	FAA Towers	Contract Towers	Region/State	FAA Towers	Contract Towers
Alaska			**Northwest Mountain**		
Alaska	4	4	Wyoming	1	2
Regional Total	4	4	Regional Total	22	25
Central			**Southern**		
Iowa	4	1	Alabama	4	3
Kansas	1	8	Florida	18	20
Missouri	5	4	Georgia	5	7
Nebraska	2	1	Kentucky	4	2
Regional Total	12	14	Mississippi	2	5
Eastern			North Carolina	6	5
District of Columbia	2	0	Puerto Rico	1	1
Delaware	1	0	South Carolina	5	4
Maryland	2	3	Tennessee	5	3
New Jersey	5	1	Virgin Islands	1	1
New York	12	4	Regional Total	51	51
Pennsylvania	9	4	**Southwest**		
Virginia	5	2	Arkansas	2	4
West Virginia	3	4	Louisiana	7	5
Regional Total	39	18	New Mexico	2	3
Great Lakes			Oklahoma	3	6
Illinois	11	6	Texas	19	14
Indiana	6	4	Regional Total	33	32
Michigan	11	4	**Western Pacific**		
Minnesota	6	2	American Samoa	1	0
North Dakota	3	1	Arizona	7	7
Ohio	7	5	California	33	21
South Dakota	1	1	Guam	0	1
Wisconsin	3	8	Hawaii	3	4
Regional Total	48	31	Nevada	3	2
New England			South Pacific	1	1
Connecticut	1	6	Regional Total	48	36
Massachusetts	3	8			
Maine	2	0			
New Hampshire	1	2			
Rhode Island	1	0			
Vermont	1	0			
Regional Total	9	16			
Northwest Mountain					
Colorado	6	2			
Idaho	2	4			
Montana	3	3			
Oregon	3	6			
Utah	1	1			
Washington	6	7			

	FAA Towers	Contract Towers
Grand Total	266	227

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Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2004

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
1	ATLANTA	GA	ATL	40,620,131	5.90	40,620,131	5.900	949,708	949,708
2	CHICAGO	IL	ORD	35,416,296	5.15	76,036,427	11.05	964,360	1,914,068
3	LOS ANGELES	CA	LAX	28,211,511	4.10	104,247,938	15.15	629,735	2,543,803
4	DALLAS-FORT WORTH	TX	DFW	27,547,714	4.00	131,795,652	19.15	795,974	3,339,777
5	DENVER	CO	DEN	20,034,022	2.91	151,829,674	22.06	556,178	3,895,955
6	LAS VEGAS	NV	LAS	19,236,676	2.79	171,066,350	24.85	490,290	4,386,245
7	PHOENIX	AZ	PHX	18,939,617	2.75	190,005,967	27.60	484,252	4,870,497
8	NEW YORK	NY	JFK	17,827,456	2.59	207,833,423	30.19	311,827	5,182,324
9	MINNEAPOLIS	MN	MSP	17,160,375	2.49	224,993,798	32.68	498,523	5,680,847
10	HOUSTON	TX	IAH	16,968,718	2.47	241,962,516	35.15	494,410	6,175,257
11	DETROIT	MI	DTW	16,691,646	2.43	258,654,162	37.58	498,053	6,673,310
12	NEWARK	NJ	EWR	15,478,354	2.25	274,132,516	39.83	420,197	7,093,507
13	SAN FRANCISCO	CA	SFO	15,364,765	2.23	289,497,281	42.06	331,498	7,425,005
14	ORLANDO	FL	MCO	14,823,767	2.15	304,321,048	44.21	292,520	7,717,525
15	MIAMI	FL	MIA	14,584,467	2.12	318,905,515	46.33	366,561	8,084,086
16	SEATTLE	WA	SEA	13,861,867	2.01	332,767,382	48.34	354,658	8,438,744
17	PHILADELPHIA	PA	PHL	13,014,746	1.89	345,782,128	50.23	430,218	8,868,962
18	BOSTON	MA	BOS	12,371,687	1.80	358,153,815	52.03	381,064	9,250,026
19	CHARLOTTE	NC	CLT	12,130,260	1.76	370,284,075	53.79	417,485	9,667,511
20	NEW YORK	NY	LGA	12,004,004	1.74	382,288,079	55.53	386,589	10,054,100
21	COVINGTON/CINCINNATI, OH	KY	CVG	10,743,452	1.56	393,031,531	57.09	512,830	10,566,930
22	BALTIMORE	MD	BWI	10,094,287	1.47	403,125,818	58.56	266,166	10,833,096
23	WASHINGTON	DC	IAD	9,641,823	1.40	412,767,641	59.96	361,754	11,194,850
24	FORT LAUDERDALE	FL	FLL	9,615,995	1.40	422,383,636	61.36	236,886	11,431,736
25	HONOLULU	HI	HNL	9,250,413	1.34	431,634,049	62.70	217,151	11,648,887
26	CHICAGO	IL	MDW	9,250,087	1.34	440,884,136	64.04	280,940	11,929,827
27	SALT LAKE CITY	UT	SLC	8,822,575	1.28	449,706,711	65.32	339,080	12,268,907
28	TAMPA	FL	TPA	8,153,673	1.18	457,860,384	66.50	197,751	12,466,658
29	SAN DIEGO	CA	SAN	7,995,873	1.16	465,856,257	67.66	191,972	12,658,630
30	WASHINGTON	DC	DCA	7,470,032	1.09	473,326,289	68.75	264,784	12,923,414
31	OAKLAND	CA	OAK	6,875,194	1.00	480,201,483	69.75	202,611	13,126,025
32	PITTSBURGH	PA	PIT	6,796,027	0.99	486,997,510	70.74	324,287	13,450,312
33	ST LOUIS	MO	STL	6,646,508	0.97	493,644,018	71.71	274,770	13,725,082
34	PORTLAND	OR	PDX	6,286,086	0.91	499,930,104	72.62	223,705	13,948,787
35	MEMPHIS	TN	MEM	5,290,593	0.77	505,220,697	73.39	343,970	14,292,757
36	SAN JOSE	CA	SJC	5,220,869	0.76	510,441,566	74.15	157,381	14,450,138
37	CLEVELAND	OH	CLE	5,212,999	0.76	515,654,565	74.91	238,194	14,688,332
38	SAN JUAN	PR	SJU	5,164,190	0.75	520,818,755	75.66	170,450	14,858,782
39	KANSAS CITY	MO	MCI	4,984,023	0.72	525,802,778	76.38	161,478	15,020,260
40	NEW ORLEANS	LA	MSY	4,781,467	0.69	530,584,245	77.07	130,229	15,150,489

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2004

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
41	SACRAMENTO	CA	SMF	4,670,768	0.68	535,255,013	77.75	124,450	15,274,939
42	SANTA ANA	CA	SNA	4,559,924	0.66	539,814,937	78.41	114,078	15,389,017
43	RALEIGH/DURHAM	NC	RDU	4,216,552	0.61	544,031,489	79.02	181,018	15,570,035
44	NASHVILLE	TN	BNA	4,203,994	0.61	548,235,483	79.63	173,292	15,743,327
45	HOUSTON	TX	HOU	3,899,206	0.57	552,134,689	80.20	156,491	15,899,818
46	INDIANAPOLIS	IN	IND	3,876,107	0.56	556,010,796	80.76	172,198	16,072,016
47	AUSTIN	TX	AUS	3,368,354	0.49	559,379,150	81.25	118,346	16,190,362
48	SAN ANTONIO	TX	SAT	3,302,042	0.48	562,681,192	81.73	121,862	16,312,224
49	MILWAUKEE	WI	MKE	3,285,478	0.48	565,966,670	82.21	183,390	16,495,614
50	ONTARIO	CA	ONT	3,245,270	0.47	569,211,940	82.68	119,314	16,614,928
51	WINDSOR LOCKS	CT	BDL	3,239,853	0.47	572,451,793	83.15	104,039	16,718,967
52	WEST PALM BEACH	FL	PBI	3,201,027	0.47	575,652,820	83.62	95,796	16,814,763
53	FORT MYERS	FL	RSW	3,124,446	0.45	578,777,266	84.07	64,703	16,879,466
54	ALBUQUERQUE	NM	ABQ	3,053,312	0.44	581,830,578	84.51	122,623	17,002,089
55	COLUMBUS	OH	CMH	2,996,209	0.44	584,826,787	84.95	162,073	17,164,162
56	DALLAS	TX	DAL	2,902,288	0.42	587,729,075	85.37	130,015	17,294,177
57	KAHULUI	HI	OGG	2,646,550	0.38	590,375,625	85.75	126,413	17,420,590
58	PROVIDENCE	RI	PVD	2,641,828	0.38	593,017,453	86.13	79,578	17,500,168
59	JACKSONVILLE	FL	JAX	2,547,673	0.37	595,565,126	86.50	87,539	17,587,707
60	RENO	NV	RNO	2,438,601	0.35	598,003,727	86.85	80,675	17,668,382
61	BURBANK	CA	BUR	2,413,277	0.35	600,417,004	87.20	85,045	17,753,427
62	BUFFALO	NY	BUF	2,158,960	0.31	602,575,964	87.51	98,469	17,851,896
63	ANCHORAGE	AK	ANC	2,120,013	0.31	604,695,977	87.82	208,195	18,060,091
64	MANCHESTER	NH	MHT	1,911,209	0.28	606,607,186	88.10	72,280	18,132,371
65	OMAHA	NE	OMA	1,854,048	0.27	608,461,234	88.37	81,138	18,213,509
66	NORFOLK	VA	ORF	1,840,751	0.27	610,301,985	88.64	78,886	18,292,395
67	TUCSON	AZ	TUS	1,805,017	0.26	612,107,002	88.90	55,453	18,347,848
68	LOUISVILLE	KY	SDF	1,696,017	0.25	613,803,019	89.15	146,310	18,494,158
69	OKLAHOMA CITY	OK	OKC	1,676,977	0.24	615,479,996	89.39	60,572	18,554,730
70	EL PASO	TX	ELP	1,513,150	0.22	616,993,146	89.61	66,080	18,620,810
71	ALBANY	NY	ALB	1,492,365	0.22	618,485,511	89.83	93,268	18,714,078
72	SPOKANE	WA	GEG	1,474,367	0.21	619,959,878	90.04	65,365	18,779,443
73	BIRMINGHAM	AL	BHM	1,462,181	0.21	621,422,059	90.25	77,047	18,856,490
74	DAYTON	OH	DAY	1,444,240	0.21	622,866,299	90.46	86,699	18,943,189
75	TULSA	OK	TUL	1,440,668	0.21	624,306,967	90.67	49,376	18,992,565
76	LONG BEACH	CA	LGB	1,430,023	0.21	625,736,990	90.88	35,936	19,028,501
77	BOISE	ID	BOI	1,410,333	0.20	627,147,323	91.08	65,947	19,094,448
78	GREENSBORO	NC	GSO	1,321,539	0.19	628,468,862	91.27	74,473	19,168,921
79	ROCHESTER	NY	ROC	1,314,100	0.19	629,782,962	91.46	74,661	19,243,582
80	AGANA	GU	GUM	1,312,127	0.19	631,095,089	91.65	24,998	19,268,580

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2004

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
81	KAILUA/KONA	HI	KOA	1,231,576	0.18	632,326,665	91.83	40,996	19,309,576
82	RICHMOND	VA	RIC	1,231,293	0.18	633,557,958	92.01	88,554	19,398,130
83	LIHUE	HI	LIH	1,218,119	0.18	634,776,077	92.19	74,201	19,472,331
84	LITTLE ROCK	AR	LIT	1,103,095	0.16	635,879,172	92.35	60,857	19,533,188
85	SYRACUSE	NY	SYR	1,075,005	0.16	636,954,177	92.51	68,367	19,601,555
86	GRAND RAPIDS	MI	GRR	1,053,272	0.15	638,007,449	92.66	58,244	19,659,799
87	COLORADO SPRINGS	CO	COS	1,018,898	0.15	639,026,347	92.81	48,124	19,707,923
88	ISLIP	NY	ISP	965,854	0.14	639,992,201	92.95	34,141	19,742,064
89	DES MOINES	IA	DSM	955,839	0.14	640,948,040	93.09	65,641	19,807,705
90	SAVANNAH	GA	SAV	915,086	0.13	641,863,126	93.22	40,979	19,848,684
91	CHARLESTON	SC	CHS	845,787	0.12	642,708,913	93.34	50,061	19,898,745
92	MADISON	WI	MSN	832,132	0.12	643,541,045	93.46	41,579	19,940,324
93	ORLANDO	FL	SFB	829,674	0.12	644,370,719	93.58	13,422	19,953,746
94	MYRTLE BEACH	SC	MYR	746,355	0.11	645,117,074	93.69	30,206	19,983,952
95	KNOXVILLE	TN	TYS	735,483	0.11	645,852,557	93.80	60,456	20,044,408
96	WICHITA	KS	ICT	731,418	0.11	646,583,975	93.91	59,397	20,103,805
97	GREER	SC	GSP	719,773	0.10	647,303,748	94.01	50,834	20,154,639
98	PENSACOLA	FL	PNS	715,415	0.10	648,019,163	94.11	32,624	20,187,263
99	HARRISBURG	PA	MDT	672,264	0.10	648,691,427	94.21	48,775	20,236,038
100	PALM SPRINGS	CA	PSP	667,310	0.10	649,358,737	94.31	34,136	20,270,174
	101 thru 493			35,316,583	5.131	684,675,320	99.44	4,932,722	25,202,896

*Enplanements include air carrier, commuter and international.
**Percent is of national total enplanements.
***Operations include intinerant air carrier and air taxi only.

Table S-5.
Summary of Enplanements and
Airport Operations at FAA Towers and Contract Towers

Enplanements at Towered Airports

| | Count | 2004 | 2015 | 2025 | Annual Compound Growth Rate | |
					2004-2015	2015-2025
Large Hubs	30	473,326,289	671,702,564	897,135,928	3.23	2.94
Medium Hubs	37	138,780,713	198,601,040	267,911,828	3.31	3.04
Small Hubs	68	54,556,808	76,923,379	103,213,611	3.17	2.98
Non Hub Towers	358	18,011,510	23,225,056	29,438,964	2.34	2.40
Total	493	684,675,320	970,452,039	1,297,700,331	3.22	2.95

Operations at Towered Airports

| | Count | 2004 | 2015 | 2025 | Annual Compound Growth Rate | |
					2004-2015	2015-2025
Large Hubs	30	13,966,448	17,819,742	22,484,132	2.24	2.35
Medium Hubs	37	7,802,236	9,710,292	11,867,087	2.01	2.03
Small Hubs	68	8,469,839	9,817,099	11,264,844	1.35	1.39
Non Hub Towers	358	33,570,978	38,119,228	43,245,574	1.16	1.27
Total	493	63,809,501	75,466,361	88,861,637	1.54	1.65

Table S-6.
Commercial Airport Operations Summary by Region*

Fiscal Year	Alaska (AAL)	Central (ACE)	Eastern (AEA)	Great Lakes (AGL)	New England (ANE)	Northwest Mountain (ANM)	Southern (ASO)	Southwest (ASW)	Western Pacific (AWP)	National Total
Historical										
2000	1,227,283	1,162,841	4,572,910	4,698,745	1,329,178	2,722,815	5,972,742	3,187,049	4,828,833	29,702,396
2001	1,198,125	1,162,680	4,549,768	4,639,891	1,342,059	2,695,642	5,846,125	3,106,872	4,814,773	29,355,935
2002	1,183,467	1,117,545	4,184,548	4,505,518	1,197,702	2,593,268	5,655,071	2,915,292	4,436,488	27,788,899
2003	1,218,048	1,044,854	4,150,853	4,587,314	1,149,840	2,614,884	5,739,926	3,080,480	4,493,334	28,079,533
2004	1,275,074	926,415	4,367,863	4,754,926	1,155,857	2,708,348	5,997,714	3,217,242	4,676,068	29,079,507
Forecast										
2005	1,209,210	920,943	4,614,477	4,801,894	1,231,604	2,761,039	6,309,884	3,206,777	4,838,103	29,893,931
2006	1,217,541	936,012	4,475,364	4,826,669	1,253,529	2,801,837	6,205,320	3,251,718	4,901,556	29,869,546
2007	1,225,912	950,510	4,573,059	4,941,896	1,281,041	2,856,211	6,365,656	3,328,230	5,003,976	30,526,491
2008	1,234,415	965,197	4,665,616	5,043,934	1,301,953	2,911,806	6,500,838	3,400,321	5,117,333	31,141,413
2009	1,243,051	980,081	4,761,098	5,142,360	1,323,316	2,966,359	6,640,986	3,474,323	5,231,801	31,763,375
2010	1,251,824	995,298	4,859,596	5,242,640	1,345,143	3,021,220	6,786,305	3,550,250	5,348,630	32,400,906
2011	1,260,732	1,010,713	4,961,231	5,340,892	1,367,445	3,076,686	6,916,280	3,613,093	5,471,597	33,018,669
2012	1,269,786	1,026,330	5,066,103	5,436,000	1,390,232	3,133,160	7,049,228	3,677,347	5,597,990	33,646,176
2013	1,278,980	1,042,301	5,174,347	5,535,217	1,413,516	3,190,761	7,185,206	3,742,759	5,728,775	34,291,862
2014	1,288,318	1,058,631	5,286,063	5,638,578	1,437,315	3,248,612	7,324,431	3,809,634	5,862,915	34,954,497
2015	1,297,800	1,075,034	5,401,396	5,743,937	1,461,632	3,307,580	7,466,974	3,878,013	5,999,004	35,631,370
2016	1,307,441	1,091,808	5,520,465	5,850,328	1,486,486	3,366,781	7,612,802	3,947,931	6,136,331	36,320,373
2017	1,317,233	1,108,970	5,643,406	5,961,001	1,511,890	3,427,114	7,762,126	4,019,422	6,277,276	37,028,438
2018	1,327,175	1,126,529	5,770,370	6,073,352	1,537,852	3,488,398	7,914,889	4,092,532	6,422,134	37,753,231
2019	1,337,278	1,144,505	5,901,493	6,189,441	1,564,397	3,551,047	8,071,330	4,167,303	6,571,088	38,497,882
2020	1,347,541	1,162,733	6,036,948	6,308,981	1,591,529	3,614,703	8,231,540	4,243,769	6,724,830	39,262,574
2021	1,357,971	1,181,230	6,176,869	6,430,390	1,619,266	3,679,252	8,395,483	4,321,960	6,881,750	40,044,171
2022	1,368,563	1,200,177	6,321,440	6,556,125	1,647,624	3,744,903	8,563,222	4,401,935	7,043,137	40,847,126
2023	1,379,324	1,219,585	6,470,831	6,684,474	1,676,613	3,811,797	8,734,869	4,483,738	7,208,257	41,669,488
2024	1,390,259	1,239,475	6,625,210	6,815,773	1,706,258	3,879,981	8,910,675	4,567,399	7,378,136	42,513,166
2025	1,401,367	1,259,868	6,784,775	6,951,853	1,736,569	3,949,672	9,090,774	4,652,977	7,552,118	43,379,973

*Includes air carrier and commuter/air taxi operations at all airports.

Table S-7.
Itinerant Airport Operations Summary by Region*

Fiscal Year	Alaska (AAL)	Central (ACE)	Eastern (AEA)	Great Lakes (AGL)	New England (ANE)	Northwest Mountain (ANM)	Southern (ASO)	Southwest (ASW)	Western Pacific (AWP)	National Total
Historical										
2000	2,082,226	3,329,044	9,869,800	12,199,307	3,453,147	7,621,128	17,468,659	9,172,884	13,409,729	78,605,924
2001	2,048,854	3,208,347	9,837,306	11,939,434	3,414,040	7,593,076	17,502,424	9,031,341	12,933,357	77,508,179
2002	2,006,162	3,172,357	9,362,719	11,939,869	3,252,788	7,465,800	17,218,669	8,893,065	12,552,956	75,864,385
2003	2,043,906	3,039,581	9,045,715	11,817,844	3,116,210	7,462,449	16,938,939	9,041,937	12,475,408	74,981,989
2004	2,090,405	2,916,735	9,338,951	11,907,487	3,146,495	7,502,909	17,268,533	9,111,794	12,547,104	75,830,413
Forecast										
2005	2,010,570	2,893,779	9,532,949	11,659,627	3,196,794	7,553,758	17,321,618	8,893,644	12,522,052	75,584,791
2006	2,021,761	2,926,669	9,449,490	11,754,146	3,236,831	7,693,582	17,340,929	9,023,223	12,681,512	76,128,143
2007	2,033,033	2,958,143	9,604,631	11,938,288	3,282,922	7,817,285	17,625,878	9,181,439	12,883,024	77,324,643
2008	2,044,476	2,996,938	9,756,172	12,123,460	3,322,903	7,943,978	17,889,031	9,337,880	13,098,290	78,513,128
2009	2,056,097	3,029,653	9,912,190	12,294,445	3,363,835	8,071,468	18,160,622	9,499,189	13,317,576	79,705,075
2010	2,067,896	3,063,138	10,072,844	12,469,206	3,405,744	8,201,140	18,440,958	9,665,483	13,542,246	80,928,655
2011	2,079,873	3,097,277	10,238,327	12,643,923	3,448,661	8,333,352	18,709,638	9,821,892	13,776,190	82,149,133
2012	2,092,043	3,132,080	10,408,799	12,817,527	3,492,606	8,468,554	18,985,092	9,983,043	14,016,815	83,396,559
2013	2,104,396	3,167,713	10,584,482	12,997,332	3,537,611	8,606,930	19,267,502	10,148,821	14,265,205	84,679,992
2014	2,116,936	3,204,197	10,765,528	13,183,449	3,583,703	8,747,656	19,557,221	10,319,699	14,520,473	85,998,862
2015	2,128,445	3,232,637	10,924,961	13,340,474	3,621,101	8,869,867	19,796,212	10,454,098	14,727,043	87,094,838
2016	2,140,132	3,261,621	11,088,827	13,499,324	3,659,227	8,993,540	20,040,123	10,591,420	14,935,953	88,210,167
2017	2,151,987	3,291,168	11,257,247	13,663,266	3,698,099	9,119,606	20,289,188	10,731,701	15,149,600	89,351,862
2018	2,164,012	3,321,284	11,430,396	13,829,716	3,737,729	9,247,912	20,543,390	10,875,056	15,368,304	90,517,799
2019	2,176,216	3,352,003	11,608,447	14,000,731	3,778,144	9,378,904	20,802,987	11,021,543	15,592,290	91,711,265
2020	2,188,596	3,383,153	11,791,569	14,176,061	3,819,353	9,512,252	21,068,116	11,171,244	15,822,266	92,932,610
2021	2,201,164	3,414,759	11,979,508	14,354,119	3,861,375	9,647,859	21,338,767	11,324,231	16,056,648	94,178,430
2022	2,213,915	3,447,002	12,172,855	14,537,391	3,904,229	9,785,995	21,615,053	11,480,612	16,296,774	95,453,826
2023	2,226,849	3,479,893	12,371,791	14,724,170	3,947,932	9,926,803	21,897,119	11,640,471	16,541,937	96,756,965
2024	2,239,980	3,513,463	12,576,510	14,914,810	3,992,504	10,070,389	22,185,236	11,803,891	16,793,218	98,090,001
2025	2,253,304	3,547,728	12,787,238	15,111,164	4,037,970	10,216,988	22,479,604	11,970,983	17,050,026	99,455,005

*Includes itinerant air carrier, commuter/air taxi, general aviation and military operations at all airports.

Table S-8.
Total Airport Operations Summary by Region*

Fiscal Year	Alaska (AAL)	Central (ACE)	Eastern (AEA)	Great Lakes (AGL)	New England (ANE)	Northwest Mountain (ANM)	Southern (ASO)	Southwest (ASW)	Western Pacific (AWP)	National Total
Historical										
2000	2,689,920	5,076,281	15,684,352	20,774,650	5,565,338	11,741,315	26,271,676	16,110,800	21,378,508	125,292,840
2001	2,634,461	4,936,871	15,836,738	20,390,920	5,543,057	11,839,357	26,437,520	15,857,326	20,665,386	124,141,636
2002	2,574,376	4,878,144	15,325,263	20,407,439	5,344,386	11,712,960	26,178,502	15,559,347	20,258,535	122,238,952
2003	2,648,518	4,665,539	14,889,433	20,146,978	5,098,868	11,713,446	25,577,117	15,547,789	19,853,034	120,140,722
2004	2,667,338	4,497,827	15,107,538	20,066,563	5,156,553	11,699,285	25,892,727	15,583,566	19,987,585	120,658,982
Forecast										
2005	2,578,116	4,440,100	15,283,672	19,575,302	5,196,943	11,824,399	25,860,511	15,254,563	19,908,529	119,922,135
2006	2,590,288	4,476,467	15,230,148	19,700,862	5,245,151	12,011,518	25,932,597	15,493,969	20,125,051	120,806,051
2007	2,602,440	4,511,984	15,418,054	19,916,207	5,298,776	12,177,253	26,265,975	15,693,070	20,380,318	122,264,077
2008	2,614,777	4,556,374	15,602,897	20,150,065	5,346,397	12,346,811	26,578,331	15,891,636	20,650,302	123,737,590
2009	2,627,307	4,593,245	15,792,735	20,353,176	5,395,080	12,518,048	26,899,878	16,096,392	20,925,299	125,201,160
2010	2,640,033	4,630,948	15,987,747	20,560,557	5,444,851	12,692,314	27,230,944	16,307,447	21,206,697	126,701,538
2011	2,652,948	4,669,365	16,188,147	20,768,428	5,495,747	12,870,047	27,551,156	16,509,907	21,498,398	128,204,143
2012	2,666,078	4,708,508	16,394,098	20,975,705	5,547,790	13,051,684	27,878,949	16,718,402	21,797,825	129,739,039
2013	2,679,398	4,748,544	16,605,845	21,189,698	5,601,005	13,237,447	28,214,524	16,932,797	22,106,102	131,315,360
2014	2,692,925	4,789,492	16,823,551	21,410,545	5,655,430	13,426,539	28,558,245	17,153,590	22,422,358	132,932,675
2015	2,705,436	4,822,465	17,020,254	21,602,836	5,701,283	13,598,127	28,852,079	17,339,203	22,691,043	134,332,726
2016	2,718,143	4,856,047	17,222,017	21,797,510	5,747,988	13,772,207	29,151,697	17,529,024	22,963,217	135,757,850
2017	2,731,034	4,890,263	17,428,984	21,997,846	5,795,558	13,949,739	29,457,352	17,723,119	23,241,306	137,215,201
2018	2,744,112	4,925,113	17,641,343	22,201,267	5,844,018	14,130,600	29,769,040	17,921,625	23,525,654	138,702,772
2019	2,757,386	4,960,638	17,859,280	22,409,858	5,893,390	14,315,271	30,087,032	18,124,607	23,816,512	140,223,974
2020	2,770,856	4,996,660	18,082,997	22,623,365	5,943,690	14,503,438	30,411,494	18,332,176	24,114,628	141,779,304
2021	2,784,530	5,033,210	18,311,077	22,840,219	5,994,930	14,695,048	30,742,418	18,544,429	24,418,433	143,364,294
2022	2,798,407	5,070,471	18,545,239	23,062,935	6,047,139	14,890,415	31,079,939	18,761,518	24,729,299	144,985,362
2023	2,812,485	5,108,458	18,785,693	23,289,817	6,100,333	15,089,697	31,424,198	18,983,571	25,046,554	146,640,806
2024	2,826,778	5,147,196	19,032,655	23,521,227	6,154,537	15,293,053	31,775,523	19,210,712	25,371,307	148,332,988
2025	2,841,282	5,186,705	19,286,358	23,759,053	6,209,771	15,500,740	32,134,099	19,443,114	25,702,997	150,064,119

*Includes all itinerant and local operations at all airports.

Table S-9.
Instrument Operations Summary by Region*

Fiscal Year	Alaska (AAL)	Central (ACE)	Eastern (AEA)	Great Lakes (AGL)	New England (ANE)	Northwest Mountain (ANM)	Southern (ASO)	Southwest (ASW)	Western Pacific (AWP)	National Total
Historical										
2000	478,024	2,211,979	8,005,275	8,281,516	1,737,084	3,591,511	10,488,005	6,816,160	7,493,339	49,102,893
2001	488,404	2,061,827	7,859,603	7,813,822	1,687,479	3,510,135	10,825,295	6,446,590	7,465,665	48,158,820
2002	485,302	2,107,992	7,583,292	7,665,086	1,623,639	3,438,766	11,338,562	6,466,302	7,469,384	48,178,325
2003	480,250	1,955,272	7,975,690	7,497,416	1,468,332	3,434,379	11,037,305	6,232,985	7,270,023	47,351,652
2004	491,388	1,858,415	8,515,648	7,708,803	1,470,588	3,439,387	11,940,203	6,251,985	8,436,305	50,112,722
Forecast										
2005	474,320	1,842,449	8,679,325	7,621,038	1,481,696	3,466,533	11,998,314	6,160,188	8,496,328	50,220,191
2006	483,504	1,863,087	8,763,901	7,735,972	1,506,085	3,533,850	11,940,408	6,238,348	8,678,666	50,743,821
2007	491,350	1,888,827	8,975,721	7,874,602	1,529,911	3,597,973	12,139,344	6,337,285	8,845,798	51,680,811
2008	499,886	1,923,043	9,205,787	8,034,007	1,557,600	3,666,381	12,368,686	6,454,055	9,026,691	52,736,136
2009	509,033	1,961,112	9,470,546	8,219,802	1,589,278	3,740,370	12,644,712	6,590,557	9,220,331	53,945,741
2010	518,182	2,001,922	9,762,764	8,416,897	1,622,099	3,816,290	12,947,635	6,736,854	9,416,023	55,238,666
2011	527,996	2,044,976	10,087,754	8,625,122	1,656,874	3,895,305	13,255,481	6,890,849	9,625,074	56,609,431
2012	538,036	2,089,105	10,448,568	8,839,068	1,692,505	3,976,222	13,571,433	7,049,082	9,839,456	58,043,475
2013	548,380	2,134,076	10,854,257	9,058,529	1,728,939	4,058,912	13,893,303	7,211,058	10,059,928	59,547,382
2014	559,042	2,179,625	11,316,478	9,282,984	1,766,075	4,143,347	14,219,084	7,375,956	10,286,663	61,129,254
2015	569,864	2,224,295	11,845,533	9,504,137	1,803,455	4,226,419	14,534,774	7,533,667	10,516,310	62,758,454
2016	580,133	2,267,526	12,461,574	9,721,687	1,839,091	4,307,885	14,850,312	7,689,049	10,737,493	64,454,750
2017	589,817	2,309,653	13,193,804	9,937,243	1,873,083	4,387,879	15,169,306	7,843,238	10,949,731	66,253,754
2018	598,884	2,351,112	14,080,540	10,152,304	1,905,548	4,466,507	15,495,715	7,997,714	11,152,604	68,200,928
2019	607,292	2,391,857	15,170,793	10,366,618	1,936,407	4,543,654	15,829,885	8,152,391	11,345,490	70,344,387
2020	615,014	2,431,842	16,529,456	10,580,018	1,965,546	4,619,221	16,172,004	8,307,190	11,527,823	72,748,114
2021	622,881	2,472,715	18,248,212	10,798,568	1,995,271	4,696,386	16,522,421	8,465,781	11,714,273	75,536,508
2022	630,884	2,514,520	20,441,238	11,022,286	2,025,590	4,775,167	16,881,325	8,628,301	11,904,908	78,824,219
2023	639,034	2,557,263	23,259,777	11,251,399	2,056,520	4,855,617	17,248,943	8,794,808	12,099,854	82,763,215
2024	647,336	2,600,973	26,904,378	11,486,072	2,088,064	4,937,773	17,625,648	8,965,421	12,299,220	87,554,885
2025	655,789	2,645,662	31,641,240	11,727,560	2,120,243	5,021,664	18,011,707	9,140,247	12,503,109	93,467,221

*Includes only TRACON and radar tower facilities.

Table S-10.
Enplanements Summary by Region*

Fiscal Year	Alaska (AAL)	Central (ACE)	Eastern (AEA)	Great Lakes (AGL)	New England (ANE)	Northwest Mountain (ANM)	Southern (ASO)	Southwest (ASW)	Western Pacific (AWP)	National Total
Historical										
2000	3,761,420	26,070,754	108,572,193	102,413,593	23,526,668	57,090,075	156,222,430	79,874,186	147,357,030	704,888,349
2001	3,788,176	24,715,286	108,214,627	99,080,095	22,967,120	56,349,923	155,323,730	78,169,210	144,571,120	693,179,287
2002	3,405,390	22,100,229	95,439,016	92,774,647	20,009,536	51,984,769	142,220,317	70,880,173	128,869,936	627,684,013
2003	3,779,920	20,485,465	97,797,325	97,110,913	20,228,993	53,388,226	147,099,918	70,903,563	132,466,463	643,260,786
2004	4,006,549	16,484,469	107,010,491	104,765,048	22,090,065	57,248,091	157,699,331	76,612,370	142,396,727	688,313,141
Forecast										
2005	4,064,877	16,864,548	116,985,422	107,110,836	23,990,717	60,483,288	171,759,994	80,172,494	150,265,805	731,697,981
2006	4,120,913	17,456,946	118,877,203	108,792,442	24,870,532	62,202,770	168,045,424	81,659,701	153,854,267	739,880,198
2007	4,194,675	17,921,916	124,319,590	114,047,028	26,030,205	64,175,634	173,606,731	84,575,721	159,833,734	768,705,234
2008	4,270,057	18,391,464	128,075,730	118,023,923	26,777,056	66,128,267	179,049,361	87,142,979	165,172,782	793,031,619
2009	4,347,108	18,874,734	131,959,919	121,876,041	27,548,120	67,993,854	184,664,333	89,805,231	170,718,287	817,787,627
2010	4,425,848	19,364,876	135,977,504	125,841,883	28,344,268	69,886,381	190,463,973	92,566,573	176,364,857	843,236,163
2011	4,506,333	19,869,507	140,134,070	129,554,882	29,166,396	71,795,313	195,785,451	94,937,793	182,212,389	867,962,134
2012	4,588,608	20,381,354	144,441,682	133,355,257	30,015,439	73,731,807	201,257,492	97,379,802	188,233,840	893,385,281
2013	4,672,706	20,908,301	148,900,329	137,336,783	30,892,355	75,699,571	206,891,144	99,894,957	194,469,571	919,665,717
2014	4,758,683	21,450,994	153,522,677	141,505,126	31,798,161	77,664,450	212,715,066	102,485,715	200,909,330	946,810,202
2015	4,846,585	22,001,517	158,315,530	145,700,927	32,733,899	79,666,525	218,723,416	105,154,601	207,437,406	974,580,406
2016	4,936,452	22,568,499	163,285,994	149,933,559	33,700,649	81,677,957	224,915,898	107,904,185	214,072,013	1,002,995,206
2017	5,028,339	23,152,341	168,441,495	154,317,190	34,699,547	83,727,741	231,278,352	110,737,239	220,940,948	1,032,323,192
2018	5,122,290	23,753,786	173,789,803	158,833,712	35,731,756	85,822,831	237,843,624	113,656,588	228,002,440	1,062,556,830
2019	5,218,361	24,364,394	179,339,032	163,505,999	36,798,494	87,961,085	244,611,226	116,665,169	235,273,078	1,093,736,838
2020	5,316,608	24,993,280	185,097,681	168,384,369	37,901,028	90,141,803	251,591,430	119,765,999	242,791,713	1,125,983,911
2021	5,417,086	25,641,269	191,074,605	173,384,307	39,040,676	92,357,943	258,741,190	122,962,247	250,499,530	1,159,118,853
2022	5,519,849	26,309,047	197,279,106	178,553,415	40,218,791	94,608,142	266,115,782	126,257,164	258,448,181	1,193,309,477
2023	5,624,950	26,987,250	203,720,877	183,894,064	41,436,806	96,875,825	273,707,464	129,654,154	266,643,447	1,228,544,837
2024	5,732,453	27,686,267	210,410,078	189,388,237	42,696,185	99,195,693	281,533,839	133,156,715	275,097,671	1,264,897,138
2025	5,842,428	28,406,829	217,357,320	195,040,114	43,998,472	101,562,666	289,614,129	136,768,514	283,811,139	1,302,401,611

*Includes both tower and non-tower airports.

Table S-11.
Based Aircraft Summary by Region*

Fiscal Year	Alaska (AAL)	Central (ACE)	Eastern (AEA)	Great Lakes (AGL)	New England (ANE)	Northwest Mountain (ANM)	Southern (ASO)	Southwest (ASW)	Western Pacific (AWP)	National Total
Historical										
2000	5,691	10,390	20,191	31,200	6,778	20,972	32,639	21,783	36,974	186,618
2001	5,662	10,544	21,134	32,218	6,894	22,076	34,256	23,352	37,757	193,893
2002	5,643	10,773	20,663	32,908	7,077	22,496	34,540	23,847	37,804	195,751
2003	5,646	10,738	20,667	33,340	7,120	22,655	34,839	23,994	38,115	197,114
2004	5,752	10,918	20,824	33,079	7,102	23,667	35,994	24,568	38,261	200,165
Forecast										
2005	5,759	10,946	20,892	33,512	7,164	23,869	36,213	24,830	38,591	201,776
2006	5,772	10,983	20,992	33,705	7,216	24,107	36,477	25,029	38,881	203,162
2007	5,780	11,010	21,088	33,908	7,270	24,354	36,741	25,246	39,182	204,579
2008	5,792	11,044	21,176	34,123	7,332	24,602	36,988	25,453	39,473	205,983
2009	5,803	11,081	21,267	34,336	7,392	24,861	37,291	25,670	39,785	207,486
2010	5,813	11,122	21,375	34,564	7,448	25,112	37,556	25,894	40,087	208,971
2011	5,824	11,160	21,474	34,779	7,510	25,374	37,865	26,125	40,404	210,515
2012	5,836	11,190	21,573	34,991	7,570	25,636	38,153	26,366	40,710	212,025
2013	5,850	11,241	21,706	35,242	7,632	25,952	38,486	26,645	41,069	213,823
2014	5,862	11,289	21,804	35,461	7,695	26,224	38,786	26,887	41,386	215,394
2015	5,874	11,323	21,910	35,711	7,767	26,495	39,101	27,143	41,712	217,036
2016	5,885	11,372	22,007	35,943	7,824	26,787	39,421	27,397	42,058	218,694
2017	5,898	11,439	22,135	36,213	7,895	27,103	39,792	27,684	42,413	220,572
2018	5,910	11,489	22,235	36,458	7,963	27,396	40,115	27,969	42,759	222,294
2019	5,923	11,543	22,363	36,731	8,035	27,714	40,481	28,248	43,110	224,148
2020	5,933	11,597	22,482	36,989	8,108	28,027	40,836	28,537	43,474	225,983
2021	5,943	11,642	22,590	37,234	8,176	28,314	41,177	28,798	43,829	227,703
2022	5,958	11,706	22,723	37,527	8,255	28,647	41,572	29,107	44,196	229,691
2023	5,971	11,771	22,859	37,820	8,329	28,998	41,965	29,417	44,578	231,708
2024	5,986	11,838	22,993	38,115	8,411	29,342	42,375	29,730	44,975	233,765
2025	5,998	11,907	23,126	38,396	8,488	29,696	42,798	30,068	45,367	235,844

*Includes both tower and non-tower airports.

Appendix A
Description of Activity Measures

Air Carrier Enplanements

These data summarize domestic enplaned passengers (originations and connections) of U.S. commercial air carriers and international enplanements for both U.S. and foreign flag carriers submitted to the U.S. Department of Transportation (DOT), Bureau of Transportation Statistics (BTS) on T-100 reports. Estimates include both scheduled and non-scheduled enplaned passengers.

Regional Enplanements

Starting in FY 2003, FAA includes in the regional category enplanements for those airlines whose primary function is to feed mainline carriers, regardless of aircraft size. As of October 2002, all scheduled and non-scheduled operations using aircraft with 10 or more seats to transport regional passengers must report on T-100.

Historic enplanement data includes originating passengers on scheduled commuter or regional carriers as reported on DOT Form 41 and 298-C; where possible, adjustments were made to include connecting passengers. Historically, Form 298-C included carriers operating at least five scheduled round trips per week whose entire fleet consists of aircraft having 60 seats or less.

Aircraft Operations

FAA air traffic controllers count landings and takeoffs at FAA towered airports. Control-lers employed by an FAA contractor count operations at FAA contract towers. The reported FAA and contract tower operation counts are evaluated for consistency and adjustments are made to the distribution by user category if needed. At non-FAA facilities, operations counts represent an estimate.

Air carrier operations represent either take-offs or landings of commercial aircraft with seating capacity of more than 60 seats.

Commuter/air taxi operations is one category. Commuter operations include takeoffs and landings by aircraft with 60 or fewer seats that transport regional passengers on scheduled commercial flights. Air taxi operations include takeoffs and landings by aircraft with 60 or fewer seats conducted on non-scheduled or for-hire flights.

General aviation operations represent all civil aviation aircraft takeoffs and landings not classified as commercial or military. Military operations represent takeoffs and landings by military aircraft. GA and military operations are further subdivided into itinerant or local flights.

Local Operations

Aircraft operating in the traffic pattern or-within sight of the tower, or aircraft known to be departing or arriving from flight in local practice areas, or aircraft executing practice instrument approaches at the air-port.

Itinerant Operations

FAA reports all aircraft operations other than local operations as itinerant. Essentially, these data represent takeoffs and landings of aircraft going from one airport to another.

Instrument Operations

These data include arrivals, departures, and overflights conducted by an FAA approach control facility for aircraft with an Instrument Flight Rule (IFR) flight plan or special Visual Flight Rule procedures. They also contain operations where a terminal control facility provides IFR aircraft separation. The FAA classifies these operations into the following three types.

Primary Instrument Operations

These data consist of aircraft arrivals and departures at a primary airport, normally the airport with the approach control facility.

Secondary Instrument Operations

These data show arrivals and departures at secondary airports.

Overflights

These data include operations of aircraft in transit through the approach control facility airspace.

Table B-1.

List of Large Hub Towers

Location Identifyer	Region	Airport Name	City, State
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	ATLANTA, GA
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	BOSTON, MA
BWI	AEA	BALTIMORE-WASHINGTON INTL	BALTIMORE, MD
CLT	ASO	CHARLOTTE/DOUGLAS INTL	CHARLOTTE, NC
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	COVINGTON/CINCINNATI, OH, KY
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON, DC
DEN	ANM	DENVER INTL	DENVER, CO
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	DALLAS-FORT WORTH, TX
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	DETROIT, MI
EWR	AEA	NEWARK LIBERTY INTL	NEWARK, NJ
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	FORT LAUDERDALE, FL
HNL	AWP	HONOLULU INTL	HONOLULU, HI
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	WASHINGTON, DC
IAH	ASW	GEORGE BUSH INTERCONTINENTAL ARPT/HOUSTON	HOUSTON, TX
JFK	AEA	JOHN F KENNEDY INTL	NEW YORK, NY
LAS	AWP	MC CARRAN INTL	LAS VEGAS, NV
LAX	AWP	LOS ANGELES INTL	LOS ANGELES, CA
LGA	AEA	LA GUARDIA	NEW YORK, NY
MCO	ASO	ORLANDO INTL	ORLANDO, FL
MDW	AGL	CHICAGO MIDWAY INTL	CHICAGO, IL
MIA	ASO	MIAMI INTL	MIAMI, FL
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	MINNEAPOLIS, MN
ORD	AGL	CHICAGO O'HARE INTL	CHICAGO, IL
PHL	AEA	PHILADELPHIA INTL	PHILADELPHIA, PA
PHX	AWP	PHOENIX SKY HARBOR INTL	PHOENIX, AZ
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	SAN DIEGO, CA
SEA	ANM	SEATTLE-TACOMA INTL	SEATTLE, WA
SFO	AWP	SAN FRANCISCO INTERNATIONAL	SAN FRANCISCO, CA
SLC	ANM	SALT LAKE CITY INTL	SALT LAKE CITY, UT
TPA	ASO	TAMPA INTL	TAMPA, FL

Listed 30 Airports.

Table B-2.

List of Medium Hub Towers

Location Identifyer	Region	Airport Name	City, State
ABQ	ASW	ALBUQUERQUE INTL SUNPORT	ALBUQUERQUE, NM
ANC	AAL	TED STEVENS ANCHORAGE INTL	ANCHORAGE, AK
AUS	ASW	AUSTIN-BERGSTROM INTL	AUSTIN, TX
BDL	ANE	BRADLEY INTL	WINDSOR LOCKS, CT
BNA	ASO	NASHVILLE INTL	NASHVILLE, TN
BUF	AEA	BUFFALO NIAGARA INTL	BUFFALO, NY
BUR	AWP	BURBANK-GLENDALE-PASADENA	BURBANK, CA
CLE	AGL	CLEVELAND-HOPKINS INTL	CLEVELAND, OH
CMH	AGL	PORT COLUMBUS INTL	COLUMBUS, OH
DAL	ASW	DALLAS LOVE FIELD	DALLAS, TX
HOU	ASW	WILLIAM P HOBBY	HOUSTON, TX
IND	AGL	INDIANAPOLIS INTL	INDIANAPOLIS, IN
JAX	ASO	JACKSONVILLE INTL	JACKSONVILLE, FL
MCI	ACE	KANSAS CITY INTL	KANSAS CITY, MO
MEM	ASO	MEMPHIS INTL	MEMPHIS, TN
MHT	ANE	MANCHESTER	MANCHESTER, NH
MKE	AGL	GENERAL MITCHELL INTERNATIONAL	MILWAUKEE, WI
MSY	ASW	LOUIS ARMSTRONG NEW ORLEANS INTL	NEW ORLEANS, LA
OAK	AWP	METROPOLITAN OAKLAND INTL	OAKLAND, CA
OGG	AWP	KAHULUI	KAHULUI, HI
OMA	ACE	EPPLEY AIRFIELD	OMAHA, NE
ONT	AWP	ONTARIO INTL	ONTARIO, CA
ORF	AEA	NORFOLK INTL	NORFOLK, VA
PBI	ASO	PALM BEACH INTL	WEST PALM BEACH, FL
PDX	ANM	PORTLAND INTL	PORTLAND, OR
PIT	AEA	PITTSBURGH INTERNATIONAL	PITTSBURGH, PA
PVD	ANE	THEODORE FRANCIS GREEN STATE	PROVIDENCE, RI
RDU	ASO	RALEIGH-DURHAM INTL	RALEIGH/DURHAM, NC
RNO	AWP	RENO/TAHOE INTERNATIONAL	RENO, NV
RSW	ASO	SOUTHWEST FLORIDA INTL	FORT MYERS, FL
SAT	ASW	SAN ANTONIO INTL	SAN ANTONIO, TX
SJC	AWP	NORMAN Y. MINETA SAN JOSE INTERNATIONAL	SAN JOSE, CA
SJU	ASO	LUIS MUNOZ MARIN INTL	SAN JUAN, PR
SMF	AWP	SACRAMENTO INTERNATIONAL	SACRAMENTO, CA
SNA	AWP	JOHN WAYNE AIRPORT-ORANGE COUNTY	SANTA ANA, CA
STL	ACE	LAMBERT-ST LOUIS INTL	ST LOUIS, MO
TUS	AWP	TUCSON INTL	TUCSON, AZ

Listed 37 Airports.

Table B-3.

List of Small Hub Towers

Location Identifyer	Region	Airport Name	City, State
ABE	AEA	LEHIGH VALLEY INTERNATIONAL	ALLENTOWN, PA
ACY	AEA	ATLANTIC CITY INTERNATIONAL	ATLANTIC CITY, NJ
ALB	AEA	ALBANY INTL	ALBANY, NY
AMA	ASW	AMARILLO INTL	AMARILLO, TX
BHM	ASO	BIRMINGHAM INTL	BIRMINGHAM, AL
BIL	ANM	BILLINGS LOGAN INTL	BILLINGS, MT
BOI	ANM	BOISE AIR TERMINAL/GOWEN FLD	BOISE, ID
BTR	ASW	BATON ROUGE METROPOLITAN, RYAN FIELD	BATON ROUGE, LA
BTV	ANE	BURLINGTON INTL	BURLINGTON, VT
CAE	ASO	COLUMBIA METROPOLITAN	COLUMBIA, SC
CAK	AGL	AKRON-CANTON REGIONAL	AKRON, OH
CHS	ASO	CHARLESTON AFB/INTL	CHARLESTON, SC
CID	ACE	THE EASTERN IOWA	CEDAR RAPIDS, IA
COS	ANM	CITY OF COLORADO SPRINGS MUNI	COLORADO SPRINGS, CO
CRP	ASW	CORPUS CHRISTI INTL	CORPUS CHRISTI, TX
DAY	AGL	JAMES M COX DAYTON INTL	DAYTON, OH
DSM	ACE	DES MOINES INTL	DES MOINES, IA
ELP	ASW	EL PASO INTL	EL PASO, TX
FAI	AAL	FAIRBANKS INTL	FAIRBANKS, AK
FAT	AWP	FRESNO YOSEMITE INTERNATIONAL	FRESNO, CA
FNT	AGL	BISHOP INTERNATIONAL	FLINT, MI
GEG	ANM	SPOKANE INTL	SPOKANE, WA
GPT	ASO	GULFPORT-BILOXI INTL	GULFPORT, MS
GRB	AGL	AUSTIN STRAUBEL INTERNATIONAL	GREEN BAY, WI
GRR	AGL	GERALD R. FORD INTERNATIONAL	GRAND RAPIDS, MI
GSN	AWP	SAIPAN INTL	SAIPAN ISLAND, SP
GSO	ASO	PIEDMONT TRIAD INTERNATIONAL	GREENSBORO, NC
GSP	ASO	GREENVILLE-SPARTANBURG INTL	GREER, SC
GUM	AWP	GUAM INTERNATIONAL	AGANA, GU
HPN	AEA	WESTCHESTER COUNTY	WHITE PLAINS, NY
HRL	ASW	VALLEY INTL	HARLINGEN, TX
HSV	ASO	HUNTSVILLE INTL-CARL T JONES FIELD	HUNTSVILLE, AL
ICT	ACE	WICHITA MID-CONTINENT	WICHITA, KS
ISP	AEA	LONG ISLAND MAC ARTHUR	ISLIP, NY
ITO	AWP	HILO INTERNATIONAL	HILO, HI
JAN	ASO	JACKSON INTERNATIONAL	JACKSON, MS
KOA	AWP	KONA INTL AT KEAHOLE	KAILUA/KONA, HI
LBB	ASW	LUBBOCK INTL	LUBBOCK, TX
LEX	ASO	BLUE GRASS	LEXINGTON, KY
LGB	AWP	LONG BEACH /DAUGHERTY FIELD/	LONG BEACH, CA
LIH	AWP	LIHUE	LIHUE, HI
LIT	ASW	ADAMS FIELD	LITTLE ROCK, AR
MAF	ASW	MIDLAND INTERNATIONAL	MIDLAND, TX
MDT	AEA	HARRISBURG INTERNATIONAL	HARRISBURG, PA
MLI	AGL	QUAD CITY INTL	MOLINE, IL
MSN	AGL	DANE COUNTY REGIONAL-TRUAX FIELD	MADISON, WI
MYR	ASO	MYRTLE BEACH INTL	MYRTLE BEACH, SC
OKC	ASW	WILL ROGERS WORLD	OKLAHOMA CITY, OK
PHF	AEA	NEWPORT NEWS/WILLIAMSBURG INTERNATIONAL	NEWPORT NEWS, VA
PIE	ASO	ST PETERSBURG-CLEARWATER INTL	ST PETERSBURG-CLEARWATER, FL
PNS	ASO	PENSACOLA REGIONAL	PENSACOLA, FL
PSP	AWP	PALM SPRINGS INTERNATIONAL	PALM SPRINGS, CA
PWM	ANE	PORTLAND INTL JETPORT	PORTLAND, ME
RIC	AEA	RICHMOND INTERNATIONAL	RICHMOND, VA

Table B-3.

List of Small Hub Towers

Location Identifyer	Region	Airport Name	City, State
ROC	AEA	GREATER ROCHESTER INTERNATIONAL	ROCHESTER, NY
SAV	ASO	SAVANNAH/HILTON HEAD INTERNATIONAL	SAVANNAH, GA
SBA	AWP	SANTA BARBARA MUNI	SANTA BARBARA, CA
SBN	AGL	SOUTH BEND REGIONAL AIRPORT	SOUTH BEND, IN
SDF	ASO	LOUISVILLE INTL-STANDIFORD FIELD	LOUISVILLE, KY
SFB	ASO	ORLANDO SANFORD	ORLANDO, FL
SGF	ACE	SPRINGFIELD-BRANSON REGIONAL	SPRINGFIELD, MO
SRQ	ASO	SARASOTA/BRADENTON INTL	SARASOTA/BRADENTON/, FL
STT	ASO	CYRIL E KING	CHARLOTTE AMALIE, VI
SYR	AEA	SYRACUSE HANCOCK INTL	SYRACUSE, NY
TLH	ASO	TALLAHASSEE REGIONAL	TALLAHASSEE, FL
TUL	ASW	TULSA INTL	TULSA, OK
TYS	ASO	MC GHEE TYSON	KNOXVILLE, TN
XNA	ASW	NORTHWEST ARKANSAS RGNL	FAYETTEVILLE/SPRINGDALE/, AR

Listed 68 Airports.

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
ABI	ASW	ABILENE REGIONAL	ABILENE, TX
ABY	ASO	SOUTHWEST GEORGIA REGIONAL	ALBANY, GA
ACK	ANE	NANTUCKET MEMORIAL	NANTUCKET, MA
ACT	ASW	WACO REGIONAL	WACO, TX
ADM	ASW	ARDMORE MUNI	ARDMORE, OK
ADQ	AAL	KODIAK	KODIAK, AK
ADS	ASW	ADDISON	DALLAS, TX
ADW	AEA	ANDREWS AFB	CAMP SPRINGS, MD
AEX	ASW	ALEXANDRIA INTL	ALEXANDRIA, LA
AFW	ASW	FORT WORTH ALLIANCE	FORT WORTH, TX
AGC	AEA	ALLEGHENY COUNTY	PITTSBURGH, PA
AGS	ASO	AUGUSTA RGNL AT BUSH FIELD	AUGUSTA, GA
AHN	ASO	ATHENS/BEN EPPS	ATHENS, GA
AKN	AAL	KING SALMON	KING SALMON, AK
ALN	AGL	ST LOUIS REGIONAL	ALTON/ST LOUIS, IL
ALO	ACE	WATERLOO MUNI	WATERLOO, IA
ALW	ANM	WALLA WALLA REGIONAL	WALLA WALLA, WA
ANE	AGL	ANOKA COUNTY-BLAINE ARPT(JANES FIELD)	MINNEAPOLIS, MN
APA	ANM	CENTENNIAL	DENVER, CO
APC	AWP	NAPA COUNTY	NAPA, CA
APF	ASO	NAPLES MUNI	NAPLES, FL
ARA	ASW	ACADIANA REGIONAL	NEW IBERIA, LA
ARB	AGL	ANN ARBOR MUNI	ANN ARBOR, MI
ARR	AGL	AURORA MUNI	CHICAGO/AURORA, IL
ASE	ANM	ASPEN-PITKIN CO/SARDY FIELD	ASPEN, CO
ASG	ASW	SPRINGDALE MUNI	SPRINGDALE, AR
ASH	ANE	BOIRE FIELD	NASHUA, NH
ATW	AGL	OUTAGAMIE COUNTY REGIONAL	APPLETON, WI
AVL	ASO	ASHEVILLE REGIONAL	ASHEVILLE, NC
AVP	AEA	WILKES-BARRE/SCRANTON INTL	WILKES-BARRE/SCRANTON, PA
AZO	AGL	KALAMAZOO/BATTLE CREEK INTERNATIONAL	KALAMAZOO, MI
BAF	ANE	BARNES MUNI	WESTFIELD/SPRINGFIELD, MA
BAK	AGL	COLUMBUS MUNI	COLUMBUS, IN
BCT	ASO	BOCA RATON	BOCA RATON, FL
BDR	ANE	IGOR I SIKORSKY MEMORIAL	BRIDGEPORT, CT
BED	ANE	LAURENCE G HANSCOM FLD	BEDFORD, MA
BET	AAL	BETHEL	BETHEL, AK
BFI	ANM	BOEING FIELD/KING COUNTY INTL	SEATTLE, WA
BFL	AWP	MEADOWS FIELD	BAKERSFIELD, CA
BFM	ASO	MOBILE DOWNTOWN	MOBILE, AL
BGM	AEA	GREATER BINGHAMTON/EDWIN A LINK FIELD	BINGHAMTON, NY
BGR	ANE	BANGOR INTL	BANGOR, ME
BIS	AGL	BISMARCK MUNI	BISMARCK, ND
BJC	ANM	JEFFCO	DENVER, CO
BKL	AGL	BURKE LAKEFRONT	CLEVELAND, OH
BLI	ANM	BELLINGHAM INTL	BELLINGHAM, WA
BMG	AGL	MONROE COUNTY	BLOOMINGTON, IN
BMI	AGL	CENTRAL IL REGL ARPT AT BLOOMINGTON-NORMAL	BLOOMINGTON/NORMAL, IL
BPT	ASW	SOUTHEAST TEXAS REGIONAL	BEAUMONT/PORT ARTHUR, TX
BRO	ASW	BROWNSVILLE/SOUTH PADRE ISLAND INT'L	BROWNSVILLE, TX
BTL	AGL	W K KELLOGG	BATTLE CREEK, MI
BVY	ANE	BEVERLY MUNI	BEVERLY, MA
BZN	ANM	GALLATIN FIELD	BOZEMAN, MT
CCR	AWP	BUCHANAN FIELD	CONCORD, CA

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
CDW	AEA	ESSEX COUNTY	CALDWELL, NJ
CGF	AGL	CUYAHOGA COUNTY	CLEVELAND, OH
CHA	ASO	LOVELL FIELD	CHATTANOOGA, TN
CHD	AWP	CHANDLER MUNI	CHANDLER, AZ
CHO	AEA	CHARLOTTESVILLE-ALBEMARLE	CHARLOTTESVILLE, VA
CIC	AWP	CHICO MUNI	CHICO, CA
CKB	AEA	HARRISON/MARION REGIONAL	CLARKSBURG, WV
CLL	ASW	EASTERWOOD FIELD	COLLEGE STATION, TX
CMA	AWP	CAMARILLO	CAMARILLO, CA
CMI	AGL	UNIVERSITY OF ILLINOIS-WILLARD	CHAMPAIGN/URBANA/, IL
CNO	AWP	CHINO	CHINO, CA
CNW	ASW	TSTC WACO	WACO, TX
COU	ACE	COLUMBIA REGIONAL	COLUMBIA, MO
CPR	ANM	NATRONA COUNTY INTL	CASPER, WY
CPS	AGL	ST LOUIS DOWNTOWN - PARKS	CAHOKIA/ST LOUIS, IL
CRE	ASO	GRAND STRAND	NORTH MYRTLE BEACH, SC
CRG	ASO	CRAIG MUNI	JACKSONVILLE, FL
CRQ	AWP	MC CLELLAN-PALOMAR	CARLSBAD, CA
CRW	AEA	YEAGER	CHARLESTON, WV
CSG	ASO	COLUMBUS METROPOLITAN	COLUMBUS, GA
CWA	AGL	CENTRAL WISCONSIN	MOSINEE, WI
CWF	ASW	CHENNAULT INTL	LAKE CHARLES, LA
CXY	AEA	CAPITAL CITY	HARRISBURG, PA
CYS	ANM	CHEYENNE	CHEYENNE, WY
DAB	ASO	DAYTONA BEACH INTL	DAYTONA BEACH, FL
DBQ	ACE	DUBUQUE REGIONAL	DUBUQUE, IA
DEC	AGL	DECATUR	DECATUR, IL
DET	AGL	DETROIT CITY	DETROIT, MI
DHN	ASO	DOTHAN RGNL	DOTHAN, AL
DLH	AGL	DULUTH INTL	DULUTH, MN
DPA	AGL	DUPAGE	CHICAGO/WEST CHICAGO/, IL
DTN	ASW	SHREVEPORT DOWNTOWN	SHREVEPORT, LA
DTO	ASW	DENTON MUNI	DENTON, TX
DVT	AWP	PHOENIX DEER VALLEY	PHOENIX, AZ
DWH	ASW	DAVID WAYNE HOOKS MEMORIAL	HOUSTON, TX
DXR	ANE	DANBURY MUNI	DANBURY, CT
EGE	ANM	EAGLE COUNTY REGIONAL	EAGLE, CO
EKO	AWP	ELKO REGIONAL	ELKO, NV
ELM	AEA	ELMIRA/CORNING REGIONAL	ELMIRA/CORNING, NY
EMT	AWP	EL MONTE	EL MONTE, CA
ENA	AAL	KENAI MUNI	KENAI, AK
ENW	AGL	KENOSHA REGIONAL	KENOSHA, WI
ERI	AEA	ERIE INTL/TOM RIDGE FIELD	ERIE, PA
EUG	ANM	MAHLON SWEET FIELD	EUGENE, OR
EVB	ASO	NEW SMYRNA BEACH MUNICIPAL	NEW SMYRNA BEACH, FL
EVV	AGL	EVANSVILLE REGIONAL	EVANSVILLE, IN
EWB	ANE	NEW BEDFORD REGIONAL	NEW BEDFORD, MA
EWN	ASO	CRAVEN COUNTY REGIONAL	NEW BERN, NC
EYW	ASO	KEY WEST INTL	KEY WEST, FL
FAR	AGL	HECTOR INTL	FARGO, ND
FAY	ASO	FAYETTEVILLE REGIONAL/GRANNIS FIELD	FAYETTEVILLE, NC
FCA	ANM	GLACIER PARK INTL	KALISPELL, MT
FCM	AGL	FLYING CLOUD	MINNEAPOLIS, MN
FFZ	AWP	FALCON FLD	MESA, AZ

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
FLG	AWP	FLAGSTAFF PULLIAM	FLAGSTAFF, AZ
FLO	ASO	FLORENCE REGIONAL	FLORENCE, SC
FMN	ASW	FOUR CORNERS REGIONAL	FARMINGTON, NM
FMY	ASO	PAGE FIELD	FORT MYERS, FL
FOE	ACE	FORBES FIELD	TOPEKA, KS
FPR	ASO	ST LUCIE COUNTY INTL	FORT PIERCE, FL
FRG	AEA	REPUBLIC	FARMINGDALE, NY
FSD	AGL	JOE FOSS FIELD	SIOUX FALLS, SD
FSM	ASW	FORT SMITH REGIONAL	FORT SMITH, AR
FTW	ASW	FORT WORTH MEACHAM INTL	FORT WORTH, TX
FTY	ASO	FULTON COUNTY AIRPORT-BROWN FIELD	ATLANTA, GA
FUL	AWP	FULLERTON MUNI	FULLERTON, CA
FWA	AGL	FORT WAYNE INTERNATIONAL	FORT WAYNE, IN
FXE	ASO	FORT LAUDERDALE EXECUTIVE	FORT LAUDERDALE, FL
FYV	ASW	DRAKE FIELD	FAYETTEVILLE, AR
GCK	ACE	GARDEN CITY REGIONAL	GARDEN CITY, KS
GCN	AWP	GRAND CANYON NATIONAL PARK	GRAND CANYON, AZ
GEU	AWP	GLENDALE MUNICIPAL	GLENDALE, AZ
GFK	AGL	GRAND FORKS INTL	GRAND FORKS, ND
GGG	ASW	EAST TEXAS RGNL	LONGVIEW, TX
GJT	ANM	WALKER FIELD	GRAND JUNCTION, CO
GLH	ASO	MID DELTA RGNL	GREENVILLE, MS
GMU	ASO	GREENVILLE DOWNTOWN	GREENVILLE, SC
GNV	ASO	GAINESVILLE RGNL	GAINESVILLE, FL
GON	ANE	GROTON-NEW LONDON	GROTON NEW LONDON, CT
GPM	ASW	GRAND PRAIRIE MUNI	GRAND PRAIRIE, TX
GRI	ACE	CENTRAL NEBRASKA REGIONAL	GRAND ISLAND, NE
GTF	ANM	GREAT FALLS INTL	GREAT FALLS, MT
GTR	ASO	GOLDEN TRIANGLE REGIONAL	COLUMBUS/W POINT/STARKVILL, MS
GYH	ASO	DONALDSON CENTER	GREENVILLE, SC
GYR	AWP	PHOENIX GOODYEAR	GOODYEAR, AZ
GYY	AGL	GARY/CHICAGO REGIONAL	GARY, IN
HEF	AEA	MANASSAS REGIONAL/HARRY P. DAVIS FIELD	MANASSAS, VA
HFD	ANE	HARTFORD-BRAINARD	HARTFORD, CT
HGR	AEA	HAGERSTOWN REGIONAL-RICHARD A HENSON FLD	HAGERSTOWN, MD
HHR	AWP	JACK NORTHROP FIELD/HAWTHORNE MUNICIPAL	HAWTHORNE, CA
HIO	ANM	PORTLAND-HILLSBORO	PORTLAND, OR
HKS	ASO	HAWKINS FIELD	JACKSON, MS
HKY	ASO	HICKORY REGIONAL	HICKORY, NC
HLG	AEA	WHEELING OHIO CO	WHEELING, WV
HLN	ANM	HELENA REGIONAL	HELENA, MT
HND	AWP	HENDERSON	LAS VEGAS, NV
HOB	ASW	LEA COUNTY RGNL	HOBBS, NM
HTS	AEA	TRI-STATE/MILTON J. FERGUSON FIELD	HUNTINGTON, WV
HUF	AGL	TERRE HAUTE INTERNATIONAL-HULMAN FIELD	TERRE HAUTE, IN
HUM	ASW	HOUMA-TERREBONNE	HOUMA, LA
HUT	ACE	HUTCHINSON MUNI	HUTCHINSON, KS
HVN	ANE	TWEED-NEW HAVEN	NEW HAVEN, CT
HWD	AWP	HAYWARD EXECUTIVE	HAYWARD, CA
HWO	ASO	NORTH PERRY	HOLLYWOOD, FL
HXD	ASO	HILTON HEAD	HILTON HEAD ISLAND, SC
HYA	ANE	BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD	HYANNIS, MA
IAG	AEA	NIAGARA FALLS INTL	NIAGARA FALLS, NY
IDA	ANM	IDAHO FALLS RGNL	IDAHO FALLS, ID

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
IFP	AWP	LAUGHLIN/BULLHEAD INTERNATIONAL	BULLHEAD CITY, AZ
ILG	AEA	NEW CASTLE COUNTY	WILMINGTON, DE
ILM	ASO	WILMINGTON INTL	WILMINGTON, NC
INT	ASO	SMITH REYNOLDS	WINSTON SALEM, NC
IPT	AEA	WILLIAMSPORT RGNL	WILLIAMSPORT, PA
ISM	ASO	KISSIMMEE GATEWAY	ORLANDO, FL
ISO	ASO	KINSTON RGNL JETPORT AT STALLINGS FLD	KINSTON, NC
ITH	AEA	ITHACA TOMPKINS REGIONAL	ITHACA, NY
IWA	AWP	WILLIAMS GATEWAY	PHOENIX, AZ
IXD	ACE	NEW CENTURY AIRCENTER	OLATHE, KS
JAC	ANM	JACKSON HOLE	JACKSON, WY
JEF	ACE	JEFFERSON CITY MEML	JEFFERSON CITY, MO
JLN	ACE	JOPLIN REGIONAL	JOPLIN, MO
JNU	AAL	JUNEAU INTL	JUNEAU, AK
JQF	ASO	CONCORD REGIONAL	CONCORD, NC
JRF	AWP	KALAELOA (JOHN RODGERS FIELD)	KAPOLEI, HI
JVL	AGL	ROCK COUNTY	JANESVILLE, WI
JXN	AGL	JACKSON COUNTY-REYNOLDS FIELD	JACKSON, MI
KWA	AWP	BUCHOLZ AAF(KWAJALEIN KMR)(ATOL)	KWAJALEIN/MARSHALL IS, SP
LAF	AGL	PURDUE UNIVERSITY	LAFAYETTE, IN
LAL	ASO	LAKELAND LINDER RGNL	LAKELAND, FL
LAN	AGL	CAPITAL CITY	LANSING, MI
LAW	ASW	LAWTON-FORT SILL REGIONAL	LAWTON, OK
LBE	AEA	ARNOLD PALMER REGIONAL	LATROBE, PA
LCH	ASW	LAKE CHARLES REGIONAL	LAKE CHARLES, LA
LEB	ANE	LEBANON MUNI	LEBANON, NH
LFT	ASW	LAFAYETTE REGIONAL	LAFAYETTE, LA
LMT	ANM	KLAMATH FALLS INTERNATIONAL	KLAMATH FALLS, OR
LNK	ACE	LINCOLN MUNI	LINCOLN, NE
LNS	AEA	LANCASTER	LANCASTER, PA
LOU	ASO	BOWMAN FIELD	LOUISVILLE, KY
LRD	ASW	LAREDO INTL	LAREDO, TX
LSE	AGL	LA CROSSE MUNI	LA CROSSE, WI
LUK	ASO	CINCINNATI MUNI AIRPORT LUNKEN FIELD	CINCINNATI, OH
LVK	AWP	LIVERMORE MUNI	LIVERMORE, CA
LWB	AEA	GREENBRIER VALLEY	LEWISBURG, WV
LWM	ANE	LAWRENCE MUNI	LAWRENCE, MA
LWS	ANM	LEWISTON-NEZ PERCE COUNTY	LEWISTON, ID
LYH	AEA	LYNCHBURG REGIONAL/PRESTON GLENN FLD	LYNCHBURG, VA
LZU	ASO	GWINNETT COUNTY - BRISCOE FIELD	LAWRENCEVILLE, GA
MBS	AGL	MBS INTL	SAGINAW, MI
MCN	ASO	MIDDLE GEORGIA REGIONAL	MACON, GA
MDH	AGL	SOUTHERN ILLINOIS	CARBONDALE/MURPHYSBORO, IL
MEI	ASO	KEY FIELD	MERIDIAN, MS
MFD	AGL	MANSFIELD LAHM REGIONAL	MANSFIELD, OH
MFE	ASW	MC ALLEN MILLER INTL	MC ALLEN, TX
MFR	ANM	ROGUE VALLEY INTERNATIONAL - MEDFORD	MEDFORD, OR
MGM	ASO	MONTGOMERY RGNL (DANNELLY FIELD)	MONTGOMERY, AL
MGW	AEA	MORGANTOWN MUNI-WALTER L. BILL HART FLD	MORGANTOWN, WV
MHK	ACE	MANHATTAN RGNL	MANHATTAN, KS
MHR	AWP	SACRAMENTO MATHER	SACRAMENTO, CA
MIC	AGL	CRYSTAL	MINNEAPOLIS, MN
MIE	AGL	DELAWARE COUNTY - JOHNSON FIELD	MUNCIE, IN
MKC	ACE	CHARLES B. WHEELER DOWNTOWN	KANSAS CITY, MO

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
MKG	AGL	MUSKEGON COUNTY	MUSKEGON, MI
MKK	AWP	MOLOKAI	KAUNAKAKAI, HI
MKL	ASO	MC KELLAR-SIPES REGIONAL	JACKSON, TN
MLB	ASO	MELBOURNE INTL	MELBOURNE, FL
MLU	ASW	MONROE REGIONAL	MONROE, LA
MMU	AEA	MORRISTOWN MUNI	MORRISTOWN, NJ
MOB	ASO	MOBILE REGIONAL	MOBILE, AL
MOD	AWP	MODESTO CITY-CO-HARRY SHAM FLD	MODESTO, CA
MOT	AGL	MINOT INTL	MINOT, ND
MQY	ASO	SMYRNA	SMYRNA, TN
MRI	AAL	MERRILL FIELD	ANCHORAGE, AK
MRY	AWP	MONTEREY PENINSULA	MONTEREY, CA
MSO	ANM	MISSOULA INTERNATIONAL	MISSOULA, MT
MTN	AEA	MARTIN STATE	BALTIMORE, MD
MVY	ANE	MARTHAS VINEYARD	VINEYARD HAVEN, MA
MWA	AGL	WILLIAMSON COUNTY REGIONAL	MARION, IL
MWC	AGL	LAWRENCE J TIMMERMAN	MILWAUKEE, WI
MWH	ANM	GRANT COUNTY INTL	MOSES LAKE, WA
MYF	AWP	MONTGOMERY FIELD	SAN DIEGO, CA
NEW	ASW	LAKEFRONT	NEW ORLEANS, LA
NQA	ASO	MILLINGTON MUNI	MILLINGTON, TN
OGD	ANM	OGDEN-HINCKLEY	OGDEN, UT
OJC	ACE	JOHNSON COUNTY EXECUTIVE	OLATHE, KS
OLM	ANM	OLYMPIA	OLYMPIA, WA
OMN	ASO	ORMOND BEACH MUNI	ORMOND BEACH, FL
OPF	ASO	OPA LOCKA	MIAMI, FL
ORH	ANE	WORCESTER REGIONAL	WORCESTER, MA
ORL	ASO	EXECUTIVE	ORLANDO, FL
OSH	AGL	WITTMAN REGIONAL	OSHKOSH, WI
OSU	AGL	OHIO STATE UNIVERSITY	COLUMBUS, OH
OUN	ASW	UNIVERSITY OF OKLAHOMA WESTHEIMER	NORMAN, OK
OWB	ASO	OWENSBORO-DAVIESS COUNTY	OWENSBORO, KY
OWD	ANE	NORWOOD MEMORIAL	NORWOOD, MA
OXC	ANE	WATERBURY-OXFORD	OXFORD, CT
OXR	AWP	OXNARD	OXNARD, CA
PAE	ANM	SNOHOMISH COUNTY (PAINE FLD)	EVERETT, WA
PAH	ASO	BARKLEY REGIONAL	PADUCAH, KY
PAO	AWP	PALO ALTO ARPT OF SANTA CLARA CO	PALO ALTO, CA
PDK	ASO	DEKALB-PEACHTREE	ATLANTA, GA
PDT	ANM	EASTERN OREGON REGIONAL AT PENDLETON	PENDLETON, OR
PFN	ASO	PANAMA CITY-BAY CO INTL	PANAMA CITY, FL
PIA	AGL	GREATER PEORIA REGIONAL	PEORIA, IL
PIH	ANM	POCATELLO REGIONAL	POCATELLO, ID
PKB	AEA	WOOD COUNTY AIRPORT GILL ROBB WILSON FLD	PARKERSBURG, WV
PMD	AWP	PALMDALE PRODN FLT/TEST INSTLN AF PLANT 42	PALMDALE, CA
PMP	ASO	POMPANO BEACH AIRPARK	POMPANO BEACH, FL
PNE	AEA	NORTHEAST PHILADELPHIA	PHILADELPHIA, PA
POC	AWP	BRACKETT FIELD	LA VERNE, CA
POU	AEA	DUTCHESS COUNTY	POUGHKEEPSIE, NY
PPG	AWP	PAGO PAGO INTL	PAGO PAGO, AS
PRC	AWP	ERNEST A. LOVE FIELD	PRESCOTT, AZ
PSC	ANM	TRI-CITIES	PASCO, WA
PTK	AGL	OAKLAND COUNTY INTERNATIONAL	PONTIAC, MI
PUB	ANM	PUEBLO MEMORIAL	PUEBLO, CO

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
PWA	ASW	WILEY POST	OKLAHOMA CITY, OK
PWK	AGL	PALWAUKEE MUNI	CHICAGO/PROSPECT HGTS/WHEE, IL
RAL	AWP	RIVERSIDE MUNI	RIVERSIDE, CA
RAP	AGL	RAPID CITY REGIONAL	RAPID CITY, SD
RBD	ASW	DALLAS EXECUTIVE	DALLAS, TX
RDD	AWP	REDDING MUNI	REDDING, CA
RDG	AEA	READING REGIONAL/CARL A SPAATZ FIELD	READING, PA
RDM	ANM	ROBERTS FIELD	REDMOND, OR
RFD	AGL	GREATER ROCKFORD	ROCKFORD, IL
RHV	AWP	REID-HILLVIEW OF SANTA CLARA COUNTY	SAN JOSE, CA
RNM	AWP	RAMONA	RAMONA, CA
RNT	ANM	RENTON MUNI	RENTON, WA
ROA	AEA	ROANOKE REGIONAL/WOODRUM FIELD	ROANOKE, VA
ROW	ASW	ROSWELL INDUSTRIAL AIR CENTER	ROSWELL, NM
RST	AGL	ROCHESTER INTERNATIONAL	ROCHESTER, MN
RVS	ASW	RICHARD LLOYD JONES JR	TULSA, OK
RYN	AWP	RYAN FIELD	TUCSON, AZ
RYY	ASO	COBB COUNTY-MC COLLUM FIELD	ATLANTA, GA
SAC	AWP	SACRAMENTO EXECUTIVE	SACRAMENTO, CA
SAF	ASW	SANTA FE MUNI	SANTA FE, NM
SAW	AGL	SAWYER INTERNATIONAL	MARQUETTE, MI
SBP	AWP	SAN LUIS COUNTY REGIONAL	SAN LUIS OBISPO, CA
SBY	AEA	SALISBURY-OCEAN CITY WICOMICO REGIONAL	SALISBURY, MD
SCK	AWP	STOCKTON METROPOLITAN	STOCKTON, CA
SDL	AWP	SCOTTSDALE	SCOTTSDALE, AZ
SDM	AWP	BROWN FIELD MUNI	SAN DIEGO, CA
SEE	AWP	GILLESPIE FIELD	SAN DIEGO/EL CAJON/, CA
SFF	ANM	FELTS FIELD	SPOKANE, WA
SGJ	ASO	ST AUGUSTINE	ST AUGUSTINE, FL
SGR	ASW	SUGAR LAND RGNL	HOUSTON, TX
SHV	ASW	SHREVEPORT REGIONAL	SHREVEPORT, LA
SIG	ASO	FERNANDO LUIS RIBAS DOMINICCI	SAN JUAN, PR
SJT	ASW	SAN ANGELO REGIONAL/MATHIS FIELD	SAN ANGELO, TX
SLE	ANM	MCNARY FLD	SALEM, OR
SLN	ACE	SALINA MUNI	SALINA, KS
SMO	AWP	SANTA MONICA MUNI	SANTA MONICA, CA
SMX	AWP	SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD	SANTA MARIA, CA
SNS	AWP	SALINAS MUNI	SALINAS, CA
SPG	ASO	ALBERT WHITTED	ST PETERSBURG, FL
SPI	AGL	CAPITAL	SPRINGFIELD, IL
SQL	AWP	SAN CARLOS	SAN CARLOS, CA
SSF	ASW	STINSON MUNI	SAN ANTONIO, TX
STC	AGL	ST CLOUD REGIONAL	ST CLOUD, MN
STJ	ACE	ROSECRANS MEMORIAL	ST JOSEPH, MO
STP	AGL	ST PAUL DOWNTOWN HOLMAN FLD	ST PAUL, MN
STS	AWP	SONOMA COUNTY	SANTA ROSA, CA
STX	ASO	HENRY E ROHLSEN	CHRISTIANSTED, VI
SUA	ASO	WITHAM FIELD	STUART, FL
SUN	ANM	FRIEDMAN MEMORIAL	HAILEY, ID
SUS	ACE	SPIRIT OF ST LOUIS	ST LOUIS, MO
SUX	ACE	SIOUX GATEWAY/COL. BUD DAY FIELD	SIOUX CITY, IA
SWF	AEA	STEWART INT'L	NEWBURGH, NY
SWO	ASW	STILLWATER RGNL	STILLWATER, OK
TCL	ASO	TUSCALOOSA MUNI	TUSCALOOSA, AL

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
TEB	AEA	TETERBORO	TETERBORO, NJ
TIW	ANM	TACOMA NARROWS	TACOMA, WA
TIX	ASO	SPACE COAST REGIONAL	TITUSVILLE, FL
TKI	ASW	COLLLIN COUNTY REGIONAL	MC KINNEY, TX
TMB	ASO	KENDALL-TAMIAMI EXECUTIVE	MIAMI, FL
TOA	AWP	ZAMPERINI FIELD	TORRANCE, CA
TOL	AGL	TOLEDO EXPRESS	TOLEDO, OH
TOP	ACE	PHILIP BILLARD MUNI	TOPEKA, KS
TRI	ASO	TRI-CITIES RGNL TN/VA	BRISTOL/JOHNSON/KINGSPORT, TN
TTD	ANM	PORTLAND-TROUTDALE	PORTLAND, OR
TTN	AEA	TRENTON MERCER	TRENTON, NJ
TUP	ASO	TUPELO RGNL	TUPELO, MS
TVC	AGL	CHERRY CAPITAL	TRAVERSE CITY, MI
TVL	AWP	LAKE TAHOE	SOUTH LAKE TAHOE, CA
TWF	ANM	JOSLIN FIELD - MAGIC VALLEY RGNL	TWIN FALLS, ID
TXK	ASW	TEXARKANA REGIONAL-WEBB FIELD	TEXARKANA, AR
TYR	ASW	TYLER POUNDS RGNL	TYLER, TX
TZR	AGL	BOLTON FIELD	COLUMBUS, OH
UCA	AEA	ONEIDA COUNTY	UTICA, NY
UES	AGL	WAUKESHA COUNTY	WAUKESHA, WI
UGN	AGL	WAUKEGAN REGIONAL	CHICAGO/WAUKEGAN, IL
VBG	AWP	VANDENBERG AFB	SANTA BARBARA, CA
VCV	AWP	SOUTHERN CALIFORNIA LOGISTICS	VICTORVILLE, CA
VGT	AWP	NORTH LAS VEGAS	LAS VEGAS, NV
VLD	ASO	VALDOSTA RGNL	VALDOSTA, GA
VNY	AWP	VAN NUYS	VAN NUYS, CA
VQQ	ASO	CECIL FIELD	JACKSONVILLE, FL
VRB	ASO	VERO BEACH MUNI	VERO BEACH, FL
WDG	ASW	ENID WOODRING RGNL	ENID, OK
WHP	AWP	WHITEMAN	LOS ANGELES, CA
WJF	AWP	GENERAL WM J FOX AIRFIELD	LANCASTER, CA
YIP	AGL	WILLOW RUN	DETROIT, MI
YKM	ANM	YAKIMA AIR TERMINAL/MCALLISTER FIELD	YAKIMA, WA
YNG	AGL	YOUNGSTOWN-WARREN REGIONAL	YOUNGSTOWN/WARREN, OH

Listed 358 Airports.

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
ABY	ASO	SOUTHWEST GEORGIA REGIONAL	ALBANY, GA
ADM	ASW	ARDMORE MUNI	ARDMORE, OK
ADQ	AAL	KODIAK	KODIAK, AK
AEX	ASW	ALEXANDRIA INTL	ALEXANDRIA, LA
AHN	ASO	ATHENS/BEN EPPS	ATHENS, GA
AKN	AAL	KING SALMON	KING SALMON, AK
ALN	AGL	ST LOUIS REGIONAL	ALTON/ST LOUIS, IL
ALW	ANM	WALLA WALLA REGIONAL	WALLA WALLA, WA
ANE	AGL	ANOKA COUNTY-BLAINE ARPT(JANES FIELD)	MINNEAPOLIS, MN
APF	ASO	NAPLES MUNI	NAPLES, FL
ARA	ASW	ACADIANA REGIONAL	NEW IBERIA, LA
ASG	ASW	SPRINGDALE MUNI	SPRINGDALE, AR
ASH	ANE	BOIRE FIELD	NASHUA, NH
ATW	AGL	OUTAGAMIE COUNTY REGIONAL	APPLETON, WI
BAF	ANE	BARNES MUNI	WESTFIELD/SPRINGFIELD, MA
BAK	AGL	COLUMBUS MUNI	COLUMBUS, IN
BCT	ASO	BOCA RATON	BOCA RATON, FL
BDR	ANE	IGOR I SIKORSKY MEMORIAL	BRIDGEPORT, CT
BET	AAL	BETHEL	BETHEL, AK
BFM	ASO	MOBILE DOWNTOWN	MOBILE, AL
BKL	AGL	BURKE LAKEFRONT	CLEVELAND, OH
BLI	ANM	BELLINGHAM INTL	BELLINGHAM, WA
BMG	AGL	MONROE COUNTY	BLOOMINGTON, IN
BMI	AGL	CENTRAL IL REGL ARPT AT BLOOMINGTON-NORMAL	BLOOMINGTON/NORMAL, IL
BRO	ASW	BROWNSVILLE/SOUTH PADRE ISLAND INT'L	BROWNSVILLE, TX
BTL	AGL	W K KELLOGG	BATTLE CREEK, MI
BVY	ANE	BEVERLY MUNI	BEVERLY, MA
BZN	ANM	GALLATIN FIELD	BOZEMAN, MT
CGF	AGL	CUYAHOGA COUNTY	CLEVELAND, OH
CHD	AWP	CHANDLER MUNI	CHANDLER, AZ
CHO	AEA	CHARLOTTESVILLE-ALBEMARLE	CHARLOTTESVILLE, VA
CIC	AWP	CHICO MUNI	CHICO, CA
CLL	ASW	EASTERWOOD FIELD	COLLEGE STATION, TX
CNW	ASW	TSTC WACO	WACO, TX
COU	ACE	COLUMBIA REGIONAL	COLUMBIA, MO
CRE	ASO	GRAND STRAND	NORTH MYRTLE BEACH, SC
CRG	ASO	CRAIG MUNI	JACKSONVILLE, FL
CWA	AGL	CENTRAL WISCONSIN	MOSINEE, WI
CWF	ASW	CHENNAULT INTL	LAKE CHARLES, LA
CXY	AEA	CAPITAL CITY	HARRISBURG, PA
CYS	ANM	CHEYENNE	CHEYENNE, WY
DBQ	ACE	DUBUQUE REGIONAL	DUBUQUE, IA
DEC	AGL	DECATUR	DECATUR, IL
DET	AGL	DETROIT CITY	DETROIT, MI
DHN	ASO	DOTHAN RGNL	DOTHAN, AL
DTN	ASW	SHREVEPORT DOWNTOWN	SHREVEPORT, LA
DTO	ASW	DENTON MUNI	DENTON, TX
DXR	ANE	DANBURY MUNI	DANBURY, CT
EGE	ANM	EAGLE COUNTY REGIONAL	EAGLE, CO
EKO	AWP	ELKO REGIONAL	ELKO, NV
ENA	AAL	KENAI MUNI	KENAI, AK
ENW	AGL	KENOSHA REGIONAL	KENOSHA, WI
EVB	ASO	NEW SMYRNA BEACH MUNICIPAL	NEW SMYRNA BEACH, FL
EWB	ANE	NEW BEDFORD REGIONAL	NEW BEDFORD, MA

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
EWN	ASO	CRAVEN COUNTY REGIONAL	NEW BERN, NC
EYW	ASO	KEY WEST INTL	KEY WEST, FL
FCA	ANM	GLACIER PARK INTL	KALISPELL, MT
FLG	AWP	FLAGSTAFF PULLIAM	FLAGSTAFF, AZ
FMN	ASW	FOUR CORNERS REGIONAL	FARMINGTON, NM
FMY	ASO	PAGE FIELD	FORT MYERS, FL
FOE	ACE	FORBES FIELD	TOPEKA, KS
FTY	ASO	FULTON COUNTY AIRPORT-BROWN FIELD	ATLANTA, GA
FUL	AWP	FULLERTON MUNI	FULLERTON, CA
FYV	ASW	DRAKE FIELD	FAYETTEVILLE, AR
GCK	ACE	GARDEN CITY REGIONAL	GARDEN CITY, KS
GEU	AWP	GLENDALE MUNICIPAL	GLENDALE, AZ
GJT	ANM	WALKER FIELD	GRAND JUNCTION, CO
GLH	ASO	MID DELTA RGNL	GREENVILLE, MS
GMU	ASO	GREENVILLE DOWNTOWN	GREENVILLE, SC
GNV	ASO	GAINESVILLE RGNL	GAINESVILLE, FL
GON	ANE	GROTON-NEW LONDON	GROTON NEW LONDON, CT
GPM	ASW	GRAND PRAIRIE MUNI	GRAND PRAIRIE, TX
GRI	ACE	CENTRAL NEBRASKA REGIONAL	GRAND ISLAND, NE
GSN	AWP	SAIPAN INTL	SAIPAN ISLAND, SP
GTR	ASO	GOLDEN TRIANGLE REGIONAL	COLUMBUS/W POINT/STARKVILL, MS
GUM	AWP	GUAM INTERNATIONAL	AGANA, GU
GYH	ASO	DONALDSON CENTER	GREENVILLE, SC
GYR	AWP	PHOENIX GOODYEAR	GOODYEAR, AZ
GYY	AGL	GARY/CHICAGO REGIONAL	GARY, IN
HFD	ANE	HARTFORD-BRAINARD	HARTFORD, CT
HGR	AEA	HAGERSTOWN REGIONAL-RICHARD A HENSON FLD	HAGERSTOWN, MD
HHR	AWP	JACK NORTHROP FIELD/HAWTHORNE MUNICIPAL	HAWTHORNE, CA
HKS	ASO	HAWKINS FIELD	JACKSON, MS
HKY	ASO	HICKORY REGIONAL	HICKORY, NC
HLG	AEA	WHEELING OHIO CO	WHEELING, WV
HND	AWP	HENDERSON	LAS VEGAS, NV
HOB	ASW	LEA COUNTY RGNL	HOBBS, NM
HRL	ASW	VALLEY INTL	HARLINGEN, TX
HUM	ASW	HOUMA-TERREBONNE	HOUMA, LA
HUT	ACE	HUTCHINSON MUNI	HUTCHINSON, KS
HVN	ANE	TWEED-NEW HAVEN	NEW HAVEN, CT
HWO	ASO	NORTH PERRY	HOLLYWOOD, FL
HXD	ASO	HILTON HEAD	HILTON HEAD ISLAND, SC
HYA	ANE	BARNSTABLE MUNI-BOARDMAN/POLANDO FIELD	HYANNIS, MA
IAG	AEA	NIAGARA FALLS INTL	NIAGARA FALLS, NY
IDA	ANM	IDAHO FALLS RGNL	IDAHO FALLS, ID
IFP	AWP	LAUGHLIN/BULLHEAD INTERNATIONAL	BULLHEAD CITY, AZ
INT	ASO	SMITH REYNOLDS	WINSTON SALEM, NC
IPT	AEA	WILLIAMSPORT RGNL	WILLIAMSPORT, PA
ISM	ASO	KISSIMMEE GATEWAY	ORLANDO, FL
ISO	ASO	KINSTON RGNL JETPORT AT STALLINGS FLD	KINSTON, NC
ITH	AEA	ITHACA TOMPKINS REGIONAL	ITHACA, NY
IWA	AWP	WILLIAMS GATEWAY	PHOENIX, AZ
IXD	ACE	NEW CENTURY AIRCENTER	OLATHE, KS
JAC	ANM	JACKSON HOLE	JACKSON, WY
JEF	ACE	JEFFERSON CITY MEML	JEFFERSON CITY, MO
JLN	ACE	JOPLIN REGIONAL	JOPLIN, MO
JQF	ASO	CONCORD REGIONAL	CONCORD, NC

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
JRF	AWP	KALAELOA (JOHN RODGERS FIELD)	KAPOLEI, HI
JVL	AGL	ROCK COUNTY	JANESVILLE, WI
JXN	AGL	JACKSON COUNTY-REYNOLDS FIELD	JACKSON, MI
KOA	AWP	KONA INTL AT KEAHOLE	KAILUA/KONA, HI
LAL	ASO	LAKELAND LINDER RGNL	LAKELAND, FL
LAW	ASW	LAWTON-FORT SILL REGIONAL	LAWTON, OK
LBE	AEA	ARNOLD PALMER REGIONAL	LATROBE, PA
LEB	ANE	LEBANON MUNI	LEBANON, NH
LIH	AWP	LIHUE	LIHUE, HI
LMT	ANM	KLAMATH FALLS INTERNATIONAL	KLAMATH FALLS, OR
LNS	AEA	LANCASTER	LANCASTER, PA
LRD	ASW	LAREDO INTL	LAREDO, TX
LSE	AGL	LA CROSSE MUNI	LA CROSSE, WI
LUK	ASO	CINCINNATI MUNI AIRPORT LUNKEN FIELD	CINCINNATI, OH
LWB	AEA	GREENBRIER VALLEY	LEWISBURG, WV
LWM	ANE	LAWRENCE MUNI	LAWRENCE, MA
LWS	ANM	LEWISTON-NEZ PERCE COUNTY	LEWISTON, ID
LYH	AEA	LYNCHBURG REGIONAL/PRESTON GLENN FLD	LYNCHBURG, VA
LZU	ASO	GWINNETT COUNTY - BRISCOE FIELD	LAWRENCEVILLE, GA
MCN	ASO	MIDDLE GEORGIA REGIONAL	MACON, GA
MDH	AGL	SOUTHERN ILLINOIS	CARBONDALE/MURPHYSBORO, IL
MEI	ASO	KEY FIELD	MERIDIAN, MS
MFE	ASW	MC ALLEN MILLER INTL	MC ALLEN, TX
MFR	ANM	ROGUE VALLEY INTERNATIONAL - MEDFORD	MEDFORD, OR
MGW	AEA	MORGANTOWN MUNI-WALTER L. BILL HART FLD	MORGANTOWN, WV
MHK	ACE	MANHATTAN RGNL	MANHATTAN, KS
MHR	AWP	SACRAMENTO MATHER	SACRAMENTO, CA
MIE	AGL	DELAWARE COUNTY - JOHNSON FIELD	MUNCIE, IN
MKK	AWP	MOLOKAI	KAUNAKAKAI, HI
MKL	ASO	MC KELLAR-SIPES REGIONAL	JACKSON, TN
MLB	ASO	MELBOURNE INTL	MELBOURNE, FL
MOD	AWP	MODESTO CITY-CO-HARRY SHAM FLD	MODESTO, CA
MOT	AGL	MINOT INTL	MINOT, ND
MQY	ASO	SMYRNA	SMYRNA, TN
MSO	ANM	MISSOULA INTERNATIONAL	MISSOULA, MT
MTN	AEA	MARTIN STATE	BALTIMORE, MD
MVY	ANE	MARTHAS VINEYARD	VINEYARD HAVEN, MA
MWA	AGL	WILLIAMSON COUNTY REGIONAL	MARION, IL
MWC	AGL	LAWRENCE J TIMMERMAN	MILWAUKEE, WI
NQA	ASO	MILLINGTON MUNI	MILLINGTON, TN
OGD	ANM	OGDEN-HINCKLEY	OGDEN, UT
OJC	ACE	JOHNSON COUNTY EXECUTIVE	OLATHE, KS
OLM	ANM	OLYMPIA	OLYMPIA, WA
OMN	ASO	ORMOND BEACH MUNI	ORMOND BEACH, FL
OPF	ASO	OPA LOCKA	MIAMI, FL
ORH	ANE	WORCESTER REGIONAL	WORCESTER, MA
OSH	AGL	WITTMAN REGIONAL	OSHKOSH, WI
OSU	AGL	OHIO STATE UNIVERSITY	COLUMBUS, OH
OUN	ASW	UNIVERSITY OF OKLAHOMA WESTHEIMER	NORMAN, OK
OWB	ASO	OWENSBORO-DAVIESS COUNTY	OWENSBORO, KY
OWD	ANE	NORWOOD MEMORIAL	NORWOOD, MA
OXC	ANE	WATERBURY-OXFORD	OXFORD, CT
OXR	AWP	OXNARD	OXNARD, CA
PAH	ASO	BARKLEY REGIONAL	PADUCAH, KY

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
PDT	ANM	EASTERN OREGON REGIONAL AT PENDLETON	PENDLETON, OR
PFN	ASO	PANAMA CITY-BAY CO INTL	PANAMA CITY, FL
PIH	ANM	POCATELLO REGIONAL	POCATELLO, ID
PKB	AEA	WOOD COUNTY AIRPORT GILL ROBB WILSON FLD	PARKERSBURG, WV
PMD	AWP	PALMDALE PRODN FLT/TEST INSTLN AF PLANT 42	PALMDALE, CA
PMP	ASO	POMPANO BEACH AIRPARK	POMPANO BEACH, FL
PWA	ASW	WILEY POST	OKLAHOMA CITY, OK
RAL	AWP	RIVERSIDE MUNI	RIVERSIDE, CA
RAP	AGL	RAPID CITY REGIONAL	RAPID CITY, SD
RBD	ASW	DALLAS EXECUTIVE	DALLAS, TX
RDD	AWP	REDDING MUNI	REDDING, CA
RDM	ANM	ROBERTS FIELD	REDMOND, OR
RNM	AWP	RAMONA	RAMONA, CA
RNT	ANM	RENTON MUNI	RENTON, WA
RYN	AWP	RYAN FIELD	TUCSON, AZ
RYY	ASO	COBB COUNTY-MC COLLUM FIELD	ATLANTA, GA
SAC	AWP	SACRAMENTO EXECUTIVE	SACRAMENTO, CA
SAF	ASW	SANTA FE MUNI	SANTA FE, NM
SAW	AGL	SAWYER INTERNATIONAL	MARQUETTE, MI
SBP	AWP	SAN LUIS COUNTY REGIONAL	SAN LUIS OBISPO, CA
SBY	AEA	SALISBURY-OCEAN CITY WICOMICO REGIONAL	SALISBURY, MD
SDM	AWP	BROWN FIELD MUNI	SAN DIEGO, CA
SFF	ANM	FELTS FIELD	SPOKANE, WA
SGJ	ASO	ST AUGUSTINE	ST AUGUSTINE, FL
SGR	ASW	SUGAR LAND RGNL	HOUSTON, TX
SIG	ASO	FERNANDO LUIS RIBAS DOMINICCI	SAN JUAN, PR
SJT	ASW	SAN ANGELO REGIONAL/MATHIS FIELD	SAN ANGELO, TX
SLE	ANM	MCNARY FLD	SALEM, OR
SLN	ACE	SALINA MUNI	SALINA, KS
SMX	AWP	SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD	SANTA MARIA, CA
SNS	AWP	SALINAS MUNI	SALINAS, CA
SPG	ASO	ALBERT WHITTED	ST PETERSBURG, FL
SQL	AWP	SAN CARLOS	SAN CARLOS, CA
SSF	ASW	STINSON MUNI	SAN ANTONIO, TX
STC	AGL	ST CLOUD REGIONAL	ST CLOUD, MN
STJ	ACE	ROSECRANS MEMORIAL	ST JOSEPH, MO
STX	ASO	HENRY E ROHLSEN	CHRISTIANSTED, VI
SUA	ASO	WITHAM FIELD	STUART, FL
SUN	ANM	FRIEDMAN MEMORIAL	HAILEY, ID
SWF	AEA	STEWART INT'L	NEWBURGH, NY
SWO	ASW	STILLWATER RGNL	STILLWATER, OK
TCL	ASO	TUSCALOOSA MUNI	TUSCALOOSA, AL
TIW	ANM	TACOMA NARROWS	TACOMA, WA
TIX	ASO	SPACE COAST REGIONAL	TITUSVILLE, FL
TKI	ASW	COLLLIN COUNTY REGIONAL	MC KINNEY, TX
TOP	ACE	PHILIP BILLARD MUNI	TOPEKA, KS
TTD	ANM	PORTLAND-TROUTDALE	PORTLAND, OR
TTN	AEA	TRENTON MERCER	TRENTON, NJ
TUP	ASO	TUPELO RGNL	TUPELO, MS
TVL	AWP	LAKE TAHOE	SOUTH LAKE TAHOE, CA
TXK	ASW	TEXARKANA REGIONAL-WEBB FIELD	TEXARKANA, AR
TYR	ASW	TYLER POUNDS RGNL	TYLER, TX
TZR	AGL	BOLTON FIELD	COLUMBUS, OH
UCA	AEA	ONEIDA COUNTY	UTICA, NY

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
UES	AGL	WAUKESHA COUNTY	WAUKESHA, WI
UGN	AGL	WAUKEGAN REGIONAL	CHICAGO/WAUKEGAN, IL
VBG	AWP	VANDENBERG AFB	SANTA BARBARA, CA
VCV	AWP	SOUTHERN CALIFORNIA LOGISTICS	VICTORVILLE, CA
VLD	ASO	VALDOSTA RGNL	VALDOSTA, GA
VQQ	ASO	CECIL FIELD	JACKSONVILLE, FL
WDG	ASW	ENID WOODRING RGNL	ENID, OK
WHP	AWP	WHITEMAN	LOS ANGELES, CA
WJF	AWP	GENERAL WM J FOX AIRFIELD	LANCASTER, CA
XNA	ASW	NORTHWEST ARKANSAS RGNL	FAYETTEVILLE/SPRINGDALE/, AR
YKM	ANM	YAKIMA AIR TERMINAL/MCALLISTER FIELD	YAKIMA, WA

Listed 227 Airports.