



Federal Aviation
Administration

Terminal Area Forecast Summary

Fiscal Years 2010 - 2030



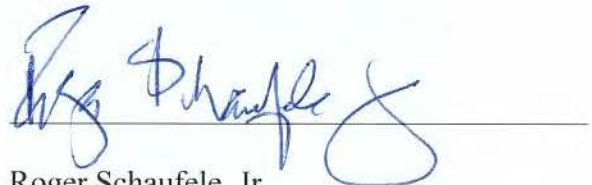
Preface

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) Forecast and Performance Analysis Division, 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 2010-2030*. The final TAF considers the forecasts and assumptions contained in *FAA Aerospace Forecasts, Fiscal Years 2011-2031*. The tables for the national forecasts will be available at http://www.faa.gov/data_statistics/aviation/aerospace_forecasts/2011-2031/ after February 16, 2011.

The TAF can be accessed from the Internet. The TAF model and TAF database are located at <http://aspm.faa.gov/>. The TAF model allows users to create their own forecast scenarios. It contains a query data application that allows the public to access and print historical (1990 to 2009) and forecast (2010 to 2030) 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.

A handwritten signature in blue ink, appearing to read 'Roger Schauffele, Jr.', is written over a horizontal line.

Roger Schauffele, Jr.

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Acknowledgments

This document was prepared by the Forecast and Performance Analysis Division of the FAA Office of Aviation Policy and Plans under the direction of Roger Schaufele, Manager, Forecast and Performance Analysis Division. Peter LeBoff, Fahad Ahmad, and Katherine Lizotte had primary responsibility for the development of the forecasts. Cheryl Miner, Dipasis Bhadra, Esther Hernandez, and Jerry Davis also contributed their valuable support in the development of forecasts for the 35 Operational Evolution Partnership (OEP) airports.

The software support was provided under contract by IT WORKS! Software. We extend a special thanks to Alice Dobrin and

Damien Agostinelli whose invaluable programming support for the TAF software made accessing and analyzing this airport data so much more efficient.

Special acknowledgments are made to FAA Airports staff in the Regional and Airport District Offices for their assistance in coordinating the regional reviews, state input, and forecast recommendations. The reviews and comments of the regional offices were extremely important and useful in guiding the Forecast and Performance Analysis Division in making adjustments to the preliminary version of the forecasts. Their efforts have enhanced the accuracy and credibility of the final product.

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Summary Historical and Forecast Highlights

- A total of 695.1 million passengers were enplaned at U.S. airports in 2009; FAA and Federal contract towered airports accounted for 691.1 million enplanements.
- The top 100 air carrier airports accounted for 655.9 million enplanements in 2009, or 94 percent of total U.S. enplanements.
- FAA towers handled 38.4 million operations (takeoffs and landings) in 2009, including 20.7 million commercial aircraft operations.
- FAA contract towers handled 14.7 million operations in 2009, including 1.7 million commercial operations.
- The 35 Operational Evolution Partnership (OEP) airports enplaned 515.5 million passengers in 2009. These airports are projected to enplane 927.5 million passengers in 2030, a 79.9 percent increase over the forecast period (or 2.8 percent annually).
- The 29 large hub airports¹ enplaned 483.6 million passengers in 2009. These airports are projected to enplane 879.8 million passengers in 2030, an 81.9 percent increase over the 21-year period (or 2.9 percent annually).
- The 36 medium hub airports² recorded 132.1 million enplanements in 2009. These airports are projected to enplane 218.4 million passengers in 2030, a 65.3 percent increase over the 21-year period (or 2.4 percent annually).
- Atlanta (42.6 million enplanements), Chicago O'Hare (31.2 million enplanements), Los Angeles (27.1 million), Dallas/Ft. Worth (26.5 million), and Denver (23.9 million) led U.S. commercial airports in passenger enplanements, accounting for 21.8 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 76.4 million enplaned passengers in 2030. Chicago O'Hare is projected to enplane 58.0 million passengers in 2030, followed by Los Angeles with 54.3 million enplanements.
- Enplanements at Washington Dulles, John F. Kennedy, and Charlotte airports are projected to grow fastest among the 35 OEP airports. The annual growth rates at these airports are forecast to increase by 4.2, 3.6, and 3.6 percent per year, respectively, over the forecast period.
- In terms of total operations, Atlanta was the busiest U.S. airport in 2009 with 973,000 aircraft operations. Chicago O'Hare and Dallas/Ft. Worth were the second and third busiest airports with 830,000 and 636,000 operations, respectively.
- In 2030, Atlanta is expected to remain the busiest airport in the nation, as measured by total operations, with a projected 1.55 million operations. Chicago O'Hare

¹ Airports enplaning one percent or more of total enplanements.

² Airports enplaning 0.25 to 0.99 percent of total enplanements.

(1.35 million operations) is projected to stay in second place. Los Angeles (998.1 thousand operations) is projected to move into third place and Denver (997.7 thousand operations) is projected to remain in fourth place.

- The FAA's Southern region airports enplaned more passengers than any other region with 162.6 million passengers in 2009, or 23 percent of U.S. enplanements. The Western Pacific region was second with 138.1 million enplanements, or 20 percent of the total.
- The Southern region is expected to lead in passenger enplanements in 2030, reaching 293.5 million. The Western Pacific region is projected to stay in se-

cond place with 239.5 million enplanements.

- The Southern region led all FAA regions in the number of airport operations with 23.0 million in 2009. The Southern region is expected to remain first in 2030 with 27.5 million operations. The Western Pacific and Great Lakes regions ran second and third in airport operations in 2009 with 17.2 and 16.7 million, respectively. In 2030, the Western Pacific region is projected to remain in second place with 20.2 million operations and the Great Lakes region is projected to remain in third place with 19.4 million operations.

Forecast Process

Introduction

The Terminal Area Forecast (TAF) contains historical and forecast data for enplanements, airport operations, tracon operations, and based aircraft. The data cover the 264 FAA towered airports, 246 Federal contract tower airports, 32 terminal radar approach control facilities, and 2,824 non-FAA airports as of September 30, 2009. 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://aspm.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, links to the TAF from previous years are available via the address noted above.

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 civil and military aircraft; and
- ◆ *tracon operations* for aircraft operations under radar control.

Data on operations presented in the TAF show historical information from 1990 through 2009 and forecasts for 2010 to 2030.³ The historical enplanement information in the TAF model are from 1976 through 2009 and the 2010 figures represent estimates. The enplanement forecasts are from 2011 to 2030. 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

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.

³ Operations data for FAA towers and Federal contract towers for 2010 are actual.

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 staff concludes that the methods used to develop these forecasts are acceptable.

In addition, the 35 OEP airports received 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 35 OEP airports. These efforts included the use of airport authority statistics to estimate baseline passenger levels; the use of future airline 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.

Because military operations forecasts have national security implications, the Department of Defense (DOD) provides only lim-

ited 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 and Federal contract towered airports and non-FAA facilities with 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 forecasts 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 from the national totals contained in *FAA Aerospace Forecasts, Fiscal Years 2011-2031*. Reasons for the differences are three-fold. First, the TAF forecast methods consider airport specific trends. In particular, OEP airport forecasts are based, in part, on the projected local economic activity and airport specific airline fares. Second, the TAF and national forecast measurements vary. For

example, 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 tracon (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 carrier enplanements are derived from DOT T-100 and 298-C data.⁴

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

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

Near-Term Forecasts

The slow growth in the economy and increases in fuel cost resulted in declines in aviation activity levels in 2010. These impacts affected both commercial and general aviation.

In 2010 actual total operations at FAA and contract towers declined 3.7 percent and total enplanements were estimated to increase 0.7 percent. In 2011 total operations at towers are forecast to decline 0.5 percent and total enplanements are forecast to increase 3.3 percent. The forecast decline in total operations at FAA and contract towers in 2011 is attributable to a forecast decrease of 2.9 percent in general aviation activity (itinerant general aviation plus local civil). In 2011 commercial operations at these airports are forecast to increase 2.4 percent.

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 2011 – 2031* show aircraft operations growing at an average annual rate of 1.6 percent over the 21-year forecast period. Average annual growth rates for this period by user group are as follows: air carrier, 2.4 percent; air taxi/commuter, 1.7 percent; itinerant general aviation, 0.9 percent; and local civil 0.9 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 21-year fore-

cast period. Regional enplanements are projected to increase 2.8 percent annually.

Trends by Region

In fiscal year 2009, the FAA served 264 towers and 246 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, Great Lakes with 48, and Western Pacific with 46. 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, tracon operations, enplanements, and based aircraft by region from 2005 through 2030. The Southern (23.0 million operations), Western Pacific (17.2 million), and Great Lakes (16.7 million) regions ranked as the top three FAA regions in airport operations in 2009. Operations for all TAF airports totaled 104.2 million. The Northwest Mountain and Eastern regions are projected to be the fastest growing FAA regions from 2009 to 2030 in terms of airport operations, increasing 28 percent and 25 percent, respectively.

The Southern region led FAA regions in passengers enplaned with 162.6 million in 2009, followed by the Western Pacific region with 138.1 million passengers. Enplanements in the Southern region are projected to increase the most in percentage terms increasing 80 percent from 2009 to 2030. The next two regions with the fastest projected increase in

enplanements are Great Lakes and Northwest Mountain, both increasing 79 percent.

In 2009, there was a national total of 177,900 based aircraft. Southern (32,700 aircraft), Western Pacific (32,100), and Great Lakes (29,400) 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 29 large hub airports enplaned 483.6 million passengers in 2009 while the 36 medium and 73 small hub airports enplaned 132.1 and 58.2 million passengers, respectively. The 372 non-hub airports enplaned 17.3 million passengers. Enplanements at large hubs are expected to increase at an annual rate of 2.9 percent over the 2009 to 2030 forecast period. Medium and small hub airports are forecast to increase 2.4 percent and 2.3 percent annually, respectively, during the forecast period.

Operations at large hub airports totaled 12.4 million compared to 6.0 million and 7.0 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 2009 to 2030, growing to 19.9 million. Operations at the medium hubs are forecast to rise at an annual rate of

1.4 percent from 2009 to 2030; aircraft operations at small hub airports are forecast to grow 1.0 percent per year.

Non-hub airports accounted for 27.8 million operations or 52 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 2009 (42.6 million enplanements), followed by Chicago O'Hare (31.2 million), Los Angeles (27.1 million), and Dallas/Ft. Worth (26.5 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 3.0 percent, respectively, over the 2009 to 2030 forecast period. Atlanta and Dallas/Ft. Worth are forecast to increase 2.8 percent and 2.4 percent, respectively. Graph S-1 shows relative enplanements growth over the next 21 years. The five airports with the fastest projected increase are Washington Dulles, John F. Kennedy, Charlotte, Las Vegas, and Houston Intercontinental.

Philadelphia, Tampa, and Chicago Midway are projected to make the largest upward movements in ranking of enplanements. Philadelphia moves up from 18th to 13th, Tampa moves up from 28th to 24th, and Chicago Midway moves up from 29th to 26th position. Airports with the largest drop in rankings are Phoenix (from 9th to 14th), Newark (from 12th to 17th), and Honolulu (from 25th to 30th).

Table S-2 presents operations forecast summaries for the 35 OEP airports. In 2009, FAA controllers at Atlanta handled 973,000 landings and takeoffs, followed by Chicago O'Hare, which totaled 830,000 operations. The next busiest airports were Dallas/Ft. Worth and Denver with 636,000 and 612,000 airport operations, respectively.

In 2030, Atlanta is projected to have the largest number of operations with 1.55 million followed by Chicago O'Hare with 1.35

million. Los Angeles is projected to move into 3rd place in 2030 with 998.1 thousand operations and Denver is projected to remain in 4th place with 997.7 thousand operations.

Graph S-2 shows that the three airports projected to grow the fastest in operations are Washington Dulles, Orlando, and Las Vegas. John F. Kennedy is expected to move into the list of the top 10 busiest airports; Phoenix is 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	2009*					Airport Ranking	
			2009	Percent	2010	2014	2030	2009	2030
ATL	ASO	HARTSFIELD - JACKSON ATLANTA INTL	42,641	6.13	42,602	49,658	76,384	1	1
ORD	AGL	CHICAGO O HARE INTL	31,239	4.49	31,882	37,004	58,015	2	2
LAX	AWP	LOS ANGELES INTL	27,133	3.90	27,971	34,002	54,316	3	3
DFW	ASW	DALLAS/FORT WORTH INTL	26,548	3.81	26,816	29,974	43,987	4	6
DEN	ANM	DENVER INTL	23,867	3.43	25,461	29,036	46,103	5	5
JFK	AEA	JOHN F KENNEDY INTL	22,769	3.27	21,964	26,498	47,827	6	4
LAS	AWP	MC CARRAN INTL	19,315	2.77	18,860	21,425	39,371	7	7
IAH	ASW	GEORGE BUSH INTERCONTINENTAL/HOUSTON	19,169	2.75	19,652	22,725	38,485	8	8
PHX	AWP	PHOENIX SKY HARBOR INTL	18,475	2.65	18,643	20,230	27,722	9	14
SFO	AWP	SAN FRANCISCO INTL	18,172	2.61	18,386	21,620	32,986	10	10
CLT	ASO	CHARLOTTE/DOUGLAS INTL	17,165	2.46	17,897	21,345	35,726	11	9
EWL	AEA	NEWARK LIBERTY INTL	16,707	2.40	16,572	18,364	26,266	12	17
MCO	ASO	ORLANDO INTL	16,312	2.34	16,651	18,958	31,521	13	11
MIA	ASO	MIAMI INTL	16,214	2.33	16,782	18,784	28,302	14	12
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	15,758	2.26	15,291	17,320	27,453	15	16
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	15,547	2.23	15,385	17,982	27,603	16	15
SEA	ANM	SEATTLE-TACOMA INTL	15,246	2.19	15,219	17,614	24,649	17	19
PHL	AEA	PHILADELPHIA INTL	15,040	2.16	14,801	17,102	27,962	18	13
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	12,365	1.77	13,224	14,504	20,588	19	20
IAD	AEA	WASHINGTON DULLES INTL	11,064	1.59	11,091	13,368	26,248	20	18
LGA	AEA	LA GUARDIA	10,933	1.57	11,124	12,066	16,355	21	23
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	10,180	1.46	10,487	12,819	19,773	22	21
BWI	AEA	BALTIMORE/WASHINGTON INTL THURGOOD MARSHAL	10,112	1.45	10,846	12,295	18,843	23	22
SLC	ANM	SALT LAKE CITY INTL	9,817	1.41	9,830	10,937	15,594	24	25
HNL	AWP	HONOLULU INTL	8,616	1.23	8,549	8,956	10,420	25	30
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	8,513	1.22	8,593	9,498	11,137	26	29
SAN	AWP	SAN DIEGO INTL	8,407	1.20	8,115	9,218	14,952	27	27
TPA	ASO	TAMPA INTL	8,309	1.19	8,024	9,266	15,832	28	24
MDW	AGL	CHICAGO MIDWAY INTL	7,987	1.14	8,066	9,075	15,360	29	26
PDX	ANM	PORTLAND INTL	6,449	0.92	6,478	7,758	12,158	30	28
STL	ACE	LAMBERT-ST LOUIS INTL	6,120	0.88	5,929	7,290	9,633	31	31
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTL	5,465	0.78	4,096	4,419	5,940	32	34
MEM	ASO	MEMPHIS INTL	5,109	0.73	4,932	5,349	7,212	33	33
CLE	AGL	CLEVELAND-HOPKINS INTL	4,729	0.68	4,550	5,036	7,402	34	32
PIT	AEA	PITTSBURGH INTL	3,982	0.57	3,895	4,365	5,373	35	35

Totals			515,474	73.97	518,664	595,860	927,498		
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*Percent of total US enplanements.

**Graph S-1. Enplanements Growth Rates for the
35 OEP Airports - 2009 to 2030**

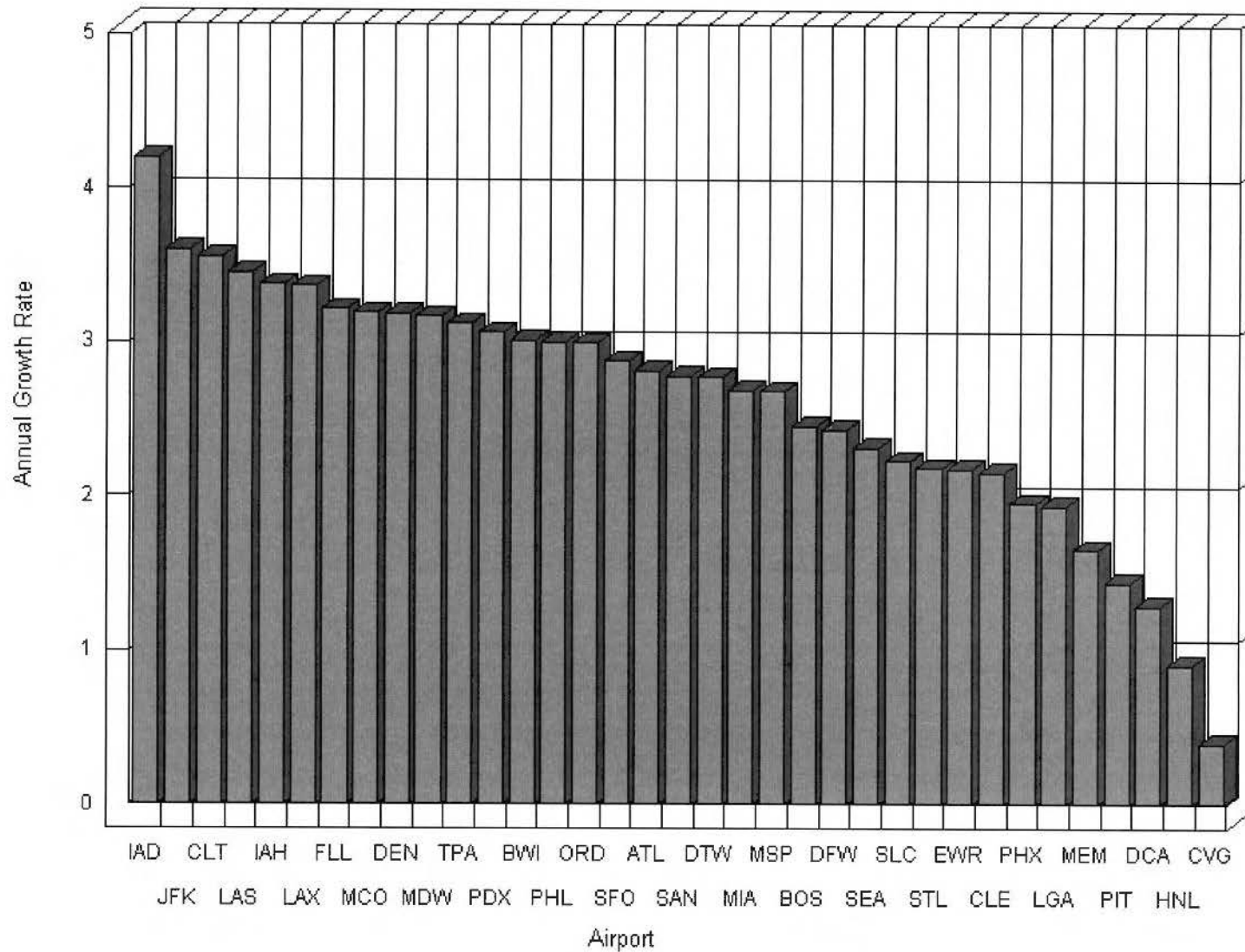


Table S-2.
Airport Operations At The 35 OEP Airports
(In Thousands)

Loc ID	Reg	Airport Name	2009*					Airport Ranking	
			2009	Percent	2010	2014	2030	2009	2030
ATL	ASO	HARTSFIELD - JACKSON ATLANTA INTL	973	0.93	957	1,075	1,547	1	1
ORD	AGL	CHICAGO O HARE INTL	830	0.79	868	967	1,350	2	2
DFW	ASW	DALLAS/FORT WORTH INTL	636	0.61	650	702	949	3	7
DEN	ANM	DENVER INTL	612	0.58	626	690	998	4	4
LAX	AWP	LOS ANGELES INTL	545	0.52	571	689	998	5	3
IAH	ASW	GEORGE BUSH INTERCONTINENTAL/HOUSTON	541	0.51	532	586	905	6	8
CLT	ASO	CHARLOTTE/DOUGLAS INTL	515	0.49	517	610	963	7	6
LAS	AWP	MC CARRAN INTL	515	0.49	506	582	984	8	5
PHL	AEA	PHILADELPHIA INTL	476	0.45	460	517	804	9	10
PHX	AWP	PHOENIX SKY HARBOR INTL	460	0.44	449	487	645	10	14
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	440	0.42	428	458	676	11	13
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	439	0.42	446	496	688	12	12
JFK	AEA	JOHN F KENNEDY INTL	431	0.41	403	479	805	13	9
EWR	AEA	NEWARK LIBERTY INTL	421	0.40	409	441	580	14	18
SFO	AWP	SAN FRANCISCO INTL	378	0.36	386	452	626	15	15
SLC	ANM	SALT LAKE CITY INTL	374	0.35	367	395	510	16	20
IAD	AEA	WASHINGTON DULLES INTL	369	0.35	366	430	749	17	11
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	360	0.34	366	384	457	18	23
LGA	AEA	LA GUARDIA	359	0.34	365	388	388	19	26
MIA	ASO	MIAMI INTL	351	0.33	369	409	581	20	17
MEM	ASO	MEMPHIS INTL	342	0.32	336	360	526	21	19
SEA	ANM	SEATTLE-TACOMA INTL	321	0.30	313	362	506	22	21
MCO	ASO	ORLANDO INTL	308	0.29	311	361	609	23	16
HNL	AWP	HONOLULU INTL	277	0.26	264	268	301	24	31
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	276	0.26	270	290	307	25	30
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	266	0.25	272	323	476	26	22
BWI	AEA	BALTIMORE/WASHINGTON INTL THURGOOD MARSHAL	265	0.25	275	302	434	27	24
MDW	AGL	CHICAGO MIDWAY INTL	243	0.23	246	264	401	28	25
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTL	232	0.22	188	192	222	29	34
PDX	ANM	PORTLAND INTL	229	0.21	224	259	378	30	27
STL	ACE	LAMBERT-ST LOUIS INTL	216	0.20	189	218	266	31	33
TPA	ASO	TAMPA INTL	205	0.19	196	221	360	32	28
CLE	AGL	CLEVELAND-HOPKINS INTL	204	0.19	194	209	282	33	32
SAN	AWP	SAN DIEGO INTL	203	0.19	192	213	321	34	29
PIT	AEA	PITTSBURGH INTL	150	0.14	143	152	178	35	35

Totals			13,762	13.03	13,654	15,231	21,770		
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*Percent of total US operations.

**Graph S-2. Airport Operations Growth Rates for
the 35 OEP Airports - 2009 to 2030**

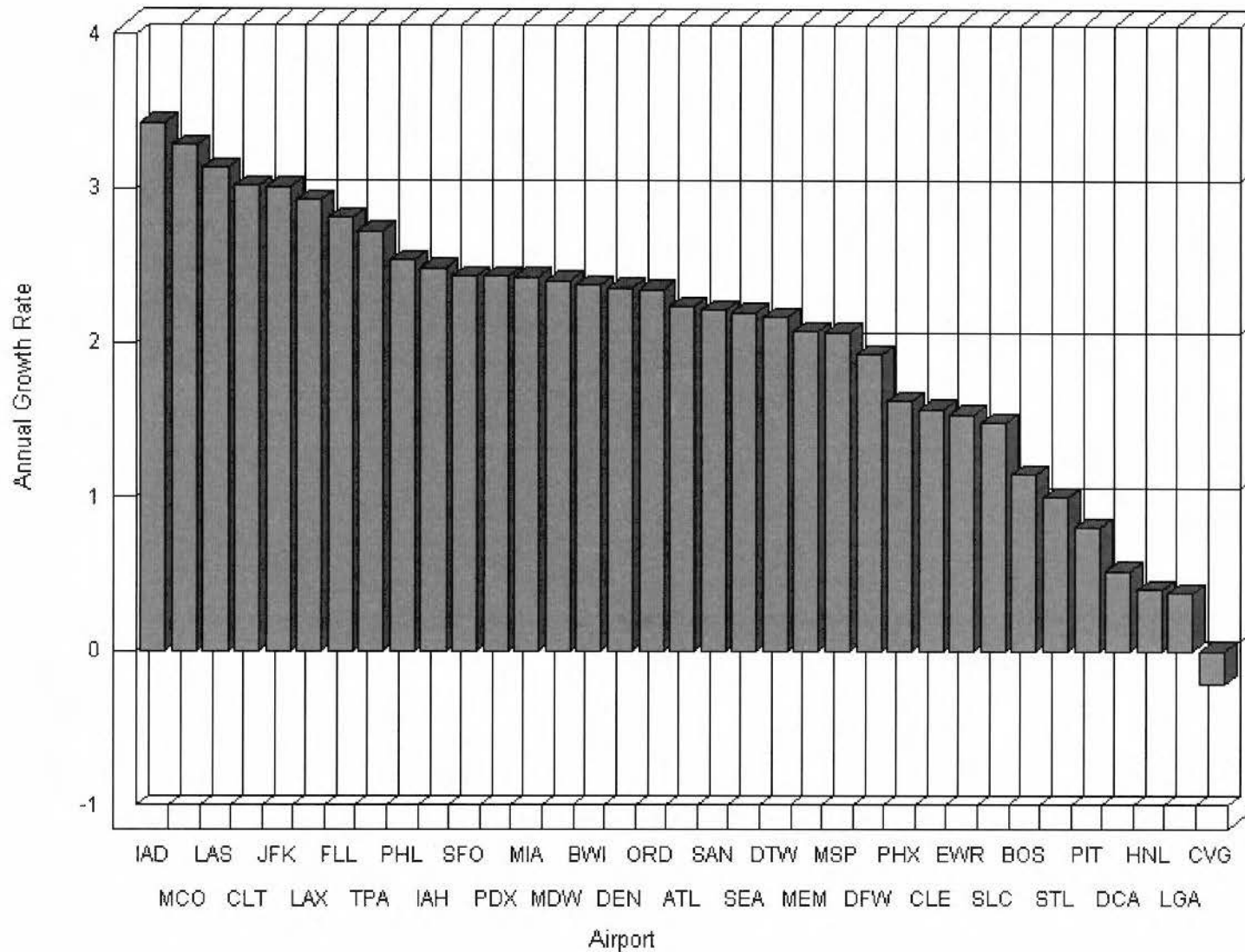


Table S-3.
Air Traffic Control Towers and Contract
Towers by Region and State
As of September 30, 2009

Region/State	FAA Towers	Contract Towers
Alaska		
Alaska	4	4
Regional Total	4	4
Central		
Iowa	4	1
Kansas	1	8
Missouri	5	5
Nebraska	2	1
Regional Total	12	15
Eastern		
Delaware	1	0
District of Columbia	2	0
Maryland	2	4
New Jersey	5	1
New York	12	5
Pennsylvania	9	4
Virginia	5	2
West Virginia	3	4
Regional Total	39	20
Great Lakes		
Illinois	11	6
Indiana	6	4
Michigan	11	4
Minnesota	6	2
North Dakota	3	1
Ohio	7	5
South Dakota	1	1
Wisconsin	3	9
Regional Total	48	32
New England		
Connecticut	1	6
Maine	2	0
Massachusetts	3	8
New Hampshire	1	2
Rhode Island	1	0
Vermont	1	0
Regional Total	9	16

Region/State	FAA Towers	Contract Towers
Northwest Mountain		
Colorado	6	3
Idaho	2	4
Montana	3	3
Oregon	3	7
Utah	1	2
Washington	6	7
Wyoming	1	2
Regional Total	22	28
Southern		
Alabama	4	3
Florida	18	23
Georgia	5	6
Kentucky	4	2
Mississippi	2	7
North Carolina	6	5
Puerto Rico	1	2
South Carolina	5	4
Tennessee	5	3
Virgin Islands	1	1
Regional Total	51	56
Southwest		
Arkansas	2	5
Louisiana	7	5
New Mexico	2	4
Oklahoma	3	6
Texas	19	20
Regional Total	33	40
Western Pacific		
Arizona	7	7
California	33	21
Guam	0	1
Hawaii	3	4
Nevada	3	1
Northern Mariana Isl	0	1
Regional Total	46	35
Grand Total	264	246

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2009

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
1	ATLANTA	GA	ATL	42,641,172	6.13	42,641,172	6.13	964,558	964,558
2	CHICAGO	IL	ORD	31,238,592	4.49	73,879,764	10.62	822,877	1,787,435
3	LOS ANGELES	CA	LAX	27,132,998	3.90	101,012,762	14.53	526,065	2,313,500
4	DALLAS-FORT WORTH	TX	DFW	26,548,401	3.81	127,561,163	18.35	631,066	2,944,566
5	DENVER	CO	DEN	23,867,262	3.43	151,428,425	21.78	607,959	3,552,525
6	NEW YORK	NY	JFK	22,768,509	3.27	174,196,934	25.05	424,114	3,976,639
7	LAS VEGAS	NV	LAS	19,315,165	2.77	193,512,099	27.83	472,073	4,448,712
8	HOUSTON	TX	IAH	19,168,962	2.75	212,681,061	30.59	529,594	4,978,306
9	PHOENIX	AZ	PHX	18,475,342	2.65	231,156,403	33.25	434,665	5,412,971
10	SAN FRANCISCO	CA	SFO	18,172,260	2.61	249,328,663	35.86	362,048	5,775,019
11	CHARLOTTE	NC	CLT	17,165,140	2.46	266,493,803	38.33	489,205	6,264,224
12	NEWARK	NJ	EWK	16,706,599	2.40	283,200,402	40.73	411,444	6,675,668
13	ORLANDO	FL	MCO	16,312,376	2.34	299,512,778	43.08	291,197	6,966,865
14	MIAMI	FL	MIA	16,214,070	2.33	315,726,848	45.41	332,316	7,299,181
15	MINNEAPOLIS	MN	MSP	15,757,844	2.26	331,484,692	47.68	425,418	7,724,599
16	DETROIT	MI	DTW	15,546,708	2.23	347,031,400	49.92	431,408	8,156,007
17	SEATTLE	WA	SEA	15,245,629	2.19	362,277,029	52.11	317,420	8,473,427
18	PHILADELPHIA	PA	PHL	15,040,356	2.16	377,317,385	54.27	453,928	8,927,355
19	BOSTON	MA	BOS	12,364,717	1.77	389,682,102	56.05	341,441	9,268,796
20	WASHINGTON	DC	IAD	11,064,246	1.59	400,746,348	57.64	320,386	9,589,182
21	NEW YORK	NY	LGA	10,932,649	1.57	411,678,997	59.22	351,743	9,940,925
22	FORT LAUDERDALE	FL	FLL	10,180,449	1.46	421,859,446	60.68	221,890	10,162,815
23	BALTIMORE	MD	BWI	10,111,524	1.45	431,970,970	62.14	244,381	10,407,196
24	SALT LAKE CITY	UT	SLC	9,816,763	1.41	441,787,733	63.55	312,951	10,720,147
25	HONOLULU	HI	HNL	8,615,603	1.23	450,403,336	64.79	219,158	10,939,305
26	WASHINGTON	DC	DCA	8,512,606	1.22	458,915,942	66.01	269,369	11,208,674
27	SAN DIEGO	CA	SAN	8,406,741	1.20	467,322,683	67.22	189,343	11,398,017
28	TAMPA	FL	TPA	8,308,851	1.19	475,631,534	68.42	175,617	11,573,634
29	CHICAGO	IL	MDW	7,987,317	1.14	483,618,851	69.57	201,417	11,775,051
30	PORTLAND	OR	PDX	6,449,185	0.92	490,068,036	70.49	202,790	11,977,841
31	ST LOUIS	MO	STL	6,120,473	0.88	496,188,509	71.37	205,408	12,183,249
32	COVINGTON	KY	CVG	5,465,149	0.78	501,653,658	72.16	227,665	12,410,914
33	MEMPHIS	TN	MEM	5,109,317	0.73	506,762,975	72.90	322,002	12,732,916
34	KANSAS CITY	MO	MCI	4,884,474	0.70	511,647,449	73.60	144,545	12,877,461
35	CLEVELAND	OH	CLE	4,729,016	0.68	516,376,465	74.28	195,093	13,072,554
36	OAKLAND	CA	OAK	4,629,567	0.66	521,006,032	74.94	145,483	13,218,037
37	SACRAMENTO	CA	SMF	4,491,411	0.64	525,497,443	75.59	112,796	13,330,833
38	RALEIGH/DURHAM	NC	RDU	4,439,661	0.63	529,937,104	76.23	150,957	13,481,790
39	NASHVILLE	TN	BNA	4,381,508	0.63	534,318,612	76.86	143,206	13,624,996
40	SANTA ANA	CA	SNA	4,250,274	0.61	538,568,886	77.47	102,188	13,727,184

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2009

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
41	SAN JOSE	CA	SJC	4,157,775	0.59	542,726,661	78.07	121,565	13,848,749
42	HOUSTON	TX	HOU	4,032,037	0.58	546,758,698	78.65	132,580	13,981,329
43	AUSTIN	TX	AUS	4,019,088	0.57	550,777,786	79.23	111,641	14,092,970
44	SAN JUAN	PR	SJU	4,018,594	0.57	554,796,380	79.81	142,705	14,235,675
45	PITTSBURGH	PA	PIT	3,981,593	0.57	558,777,973	80.38	127,578	14,363,253
46	NEW ORLEANS	LA	MSY	3,878,326	0.55	562,656,299	80.94	98,368	14,461,621
47	SAN ANTONIO	TX	SAT	3,809,114	0.54	566,465,413	81.48	116,592	14,578,213
48	INDIANAPOLIS	IN	IND	3,746,307	0.53	570,211,720	82.02	155,333	14,733,546
49	DALLAS	TX	DAL	3,704,594	0.53	573,916,314	82.56	120,088	14,853,634
50	FORT MYERS	FL	RSW	3,683,324	0.52	577,599,638	83.09	74,033	14,927,667
51	MILWAUKEE	WI	MKE	3,602,495	0.51	581,202,133	83.60	148,633	15,076,300
52	COLUMBUS	OH	CMH	3,102,162	0.44	584,304,295	84.05	113,506	15,189,806
53	WEST PALM BEACH	FL	PBI	3,032,657	0.43	587,336,952	84.49	78,800	15,268,606
54	ALBUQUERQUE	NM	ABQ	2,889,154	0.41	590,226,106	84.90	103,744	15,372,350
55	JACKSONVILLE	FL	JAX	2,802,574	0.40	593,028,680	85.31	79,795	15,452,145
56	WINDSOR LOCKS	CT	BDL	2,692,831	0.38	595,721,511	85.69	84,820	15,536,965
57	BUFFALO	NY	BUF	2,662,021	0.38	598,383,532	86.08	88,098	15,625,063
58	KAHULUI	HI	OGG	2,480,121	0.35	600,863,653	86.43	99,842	15,724,905
59	ONTARIO	CA	ONT	2,430,640	0.34	603,294,293	86.78	86,871	15,811,776
60	BURBANK	CA	BUR	2,312,670	0.33	605,606,963	87.11	75,745	15,887,521
61	PROVIDENCE	RI	PVD	2,213,446	0.31	607,820,409	87.43	64,555	15,952,076
62	ANCHORAGE	AK	ANC	2,148,020	0.30	609,968,429	87.74	171,209	16,123,285
63	OMAHA	NE	OMA	2,086,736	0.30	612,055,165	88.04	78,162	16,201,447
64	RENO	NV	RNO	1,855,540	0.26	613,910,705	88.31	58,021	16,259,468
65	TUCSON	AZ	TUS	1,808,043	0.26	615,718,748	88.57	57,505	16,316,973
66	NORFOLK	VA	ORF	1,713,158	0.24	617,431,906	88.82	65,699	16,382,672
67	OKLAHOMA CITY	OK	OKC	1,671,354	0.24	619,103,260	89.06	61,741	16,444,413
68	RICHMOND	VA	RIC	1,665,761	0.23	620,769,021	89.30	74,377	16,518,790
69	MANCHESTER	NH	MHT	1,640,156	0.23	622,409,177	89.53	55,770	16,574,560
70	LOUISVILLE	KY	SDF	1,633,139	0.23	624,042,316	89.77	133,028	16,707,588
71	SPOKANE	WA	GEG	1,492,710	0.21	625,535,026	89.98	52,469	16,760,057
72	EL PASO	TX	ELP	1,489,619	0.21	627,024,645	90.20	57,288	16,817,345
73	BIRMINGHAM	AL	BHM	1,454,893	0.20	628,479,538	90.40	64,747	16,882,092
74	TULSA	OK	TUL	1,444,670	0.20	629,924,208	90.61	58,426	16,940,518
75	LONG BEACH	CA	LGB	1,415,182	0.20	631,339,390	90.82	37,981	16,978,499
76	BOISE	ID	BOI	1,400,890	0.20	632,740,280	91.02	56,480	17,034,979
77	ALBANY	NY	ALB	1,312,592	0.18	634,052,872	91.21	59,706	17,094,685
78	DAYTON	OH	DAY	1,302,345	0.18	635,355,217	91.39	53,057	17,147,742
79	ROCHESTER	NY	ROC	1,278,837	0.18	636,634,054	91.58	59,393	17,207,135
80	KAILUA/KONA	HI	KOA	1,249,151	0.17	637,883,205	91.76	45,888	17,253,023

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2009

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
81	LIHUE	HI	LIH	1,208,065	0.17	639,091,270	91.93	72,131	17,325,154
82	AGANA	GU	GUM	1,163,816	0.16	640,255,086	92.10	24,195	17,349,349
83	LITTLE ROCK	AR	LIT	1,104,151	0.15	641,359,237	92.26	49,495	17,398,844
84	CHARLESTON	SC	CHS	1,100,883	0.15	642,460,120	92.42	48,463	17,447,307
85	SYRACUSE	NY	SYR	1,032,091	0.14	643,492,211	92.56	51,980	17,499,287
86	ISLIP	NY	ISP	951,597	0.13	644,443,808	92.70	23,502	17,522,789
87	WHITE PLAINS	NY	HPN	929,978	0.13	645,373,786	92.84	60,090	17,582,879
88	COLORADO SPRINGS	CO	COS	915,865	0.13	646,289,651	92.97	38,304	17,621,183
89	GREENSBORO	NC	GSO	889,703	0.12	647,179,354	93.10	53,878	17,675,061
90	GRAND RAPIDS	MI	GRR	868,499	0.12	648,047,853	93.22	45,317	17,720,378
91	PORTLAND	ME	PWM	861,790	0.12	648,909,643	93.34	36,279	17,756,657
92	DES MOINES	IA	DSM	859,345	0.12	649,768,988	93.47	52,476	17,809,133
93	ORLANDO	FL	SFB	835,467	0.12	650,604,455	93.59	14,517	17,823,650
94	SAVANNAH	GA	SAV	823,577	0.11	651,428,032	93.71	37,830	17,861,480
95	KNOXVILLE	TN	TYS	807,023	0.11	652,235,055	93.82	52,057	17,913,537
96	MADISON	WI	MSN	750,882	0.10	652,985,937	93.93	32,899	17,946,436
97	WICHITA	KS	ICT	732,159	0.10	653,718,096	94.04	46,541	17,992,977
98	PALM SPRINGS	CA	PSP	727,302	0.10	654,445,398	94.14	35,514	18,028,491
99	AKRON	OH	CAK	717,182	0.10	655,162,580	94.24	25,751	18,054,242
100	BURLINGTON	VT	BTB	716,665	0.10	655,879,245	94.35	32,460	18,086,702
Total of airports 101 thru 510				35,268,374	5.102	691,147,619	99.45	4,270,570	22,357,272

*Enplanements include air carrier, commuter and international.

**Percent is of national total enplanements.

***Operations include itinerant 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	2009	2030	Annual Compound Growth Rate 2009-2030
Large Hubs	29	483,618,851	879,780,269	2.89
Medium Hubs	36	132,099,897	218,384,199	2.42
Small Hubs	73	58,163,277	94,196,903	2.32
Non Hub Towers	372	17,265,594	27,521,519	2.24
Total	510	691,147,619	1,219,882,890	2.74
Operations at Towered Airports				
	Count	2009	2030	Annual Compound Growth Rate 2009-2030
Large Hubs	29	12,388,969	19,918,740	2.28
Medium Hubs	36	6,047,004	8,145,778	1.42
Small Hubs	73	6,953,498	8,566,176	0.99
Non Hub Towers	372	27,784,007	31,704,051	0.63
Total	510	53,173,478	68,334,745	1.20

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										
2005	960,148	901,047	4,547,745	4,732,902	1,226,310	2,720,686	6,244,227	3,085,235	4,822,041	29,240,341
2006	963,190	871,460	4,274,579	4,448,684	1,200,244	2,716,790	5,918,725	3,059,253	4,849,714	28,302,639
2007	956,479	860,951	4,297,564	4,365,199	1,220,774	2,741,727	5,960,519	3,067,635	4,991,987	28,462,835
2008	937,116	889,290	4,058,986	4,257,674	1,149,529	2,781,615	5,915,002	3,054,398	4,895,892	27,939,502
2009	863,162	797,187	3,829,171	3,964,095	1,047,057	2,553,055	5,357,895	2,754,747	4,301,000	25,467,369
Forecast										
2010	885,014	752,669	3,751,655	3,978,796	1,017,035	2,524,428	5,296,647	2,739,971	4,226,768	25,172,983
2011	893,961	757,904	3,856,585	4,082,525	1,027,809	2,570,638	5,409,299	2,780,655	4,341,037	25,720,413
2012	902,187	777,441	3,938,676	4,135,377	1,041,652	2,633,670	5,558,023	2,818,184	4,435,166	26,240,376
2013	910,559	794,046	4,019,410	4,192,261	1,053,885	2,697,362	5,697,310	2,868,973	4,525,628	26,759,434
2014	919,071	808,840	4,106,804	4,265,001	1,068,186	2,754,270	5,833,876	2,928,606	4,627,498	27,312,152
2015	927,732	821,908	4,191,329	4,339,285	1,081,622	2,809,233	5,973,290	2,985,917	4,725,998	27,856,314
2016	936,555	832,962	4,264,105	4,410,954	1,093,738	2,860,592	6,095,850	3,042,779	4,812,765	28,350,300
2017	945,664	844,210	4,338,860	4,483,888	1,106,064	2,913,087	6,221,540	3,100,545	4,901,633	28,855,491
2018	954,939	855,522	4,415,651	4,558,419	1,118,602	2,966,747	6,350,466	3,159,264	4,992,640	29,372,250
2019	964,392	866,972	4,494,558	4,634,586	1,131,356	3,021,407	6,482,684	3,218,963	5,085,851	29,900,769
2020	974,008	878,561	4,575,646	4,712,413	1,144,333	3,077,281	6,618,301	3,279,516	5,181,286	30,441,345
2021	983,953	890,302	4,658,978	4,791,959	1,157,540	3,134,397	6,757,410	3,336,494	5,279,037	30,990,070
2022	994,099	902,267	4,744,631	4,873,255	1,170,974	3,192,774	6,900,144	3,394,681	5,379,162	31,551,987
2023	1,004,421	914,313	4,832,642	4,956,349	1,184,643	3,252,452	7,046,562	3,454,109	5,481,752	32,127,243
2024	1,014,949	926,514	4,923,125	5,041,284	1,198,553	3,313,478	7,196,803	3,514,817	5,586,856	32,716,379
2025	1,025,836	938,876	5,016,122	5,128,109	1,212,705	3,375,844	7,350,966	3,576,829	5,694,532	33,319,819
2026	1,036,939	951,403	5,111,724	5,216,855	1,227,107	3,439,637	7,509,168	3,640,163	5,804,858	33,937,854
2027	1,048,263	964,096	5,210,012	5,307,579	1,241,758	3,504,891	7,671,540	3,704,873	5,917,908	34,570,920
2028	1,059,989	977,037	5,311,078	5,400,344	1,256,672	3,571,639	7,838,167	3,770,986	6,033,749	35,219,661
2029	1,071,956	990,088	5,414,988	5,495,174	1,271,849	3,639,919	8,009,190	3,838,525	6,152,456	35,884,145
2030	1,084,169	1,003,322	5,521,853	5,592,136	1,287,290	3,709,768	8,184,751	3,907,545	6,274,116	36,564,950

*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										
2005	1,582,502	2,855,718	8,996,393	11,354,810	3,088,641	7,353,125	16,985,041	8,723,674	12,136,081	73,075,985
2006	1,547,010	2,818,290	8,552,147	10,879,355	2,933,492	7,418,686	16,545,244	8,632,710	12,116,540	71,443,474
2007	1,490,215	2,770,786	8,483,733	10,717,709	2,946,508	7,561,186	16,617,843	8,562,497	12,268,932	71,419,409
2008	1,434,694	2,942,440	7,903,293	10,177,637	2,736,832	7,217,964	16,378,227	8,438,290	11,838,424	69,067,801
2009	1,350,560	2,754,432	7,349,259	9,605,863	2,513,739	6,848,573	15,182,151	8,080,580	10,930,937	64,616,094
Forecast										
2010	1,375,341	2,660,439	7,338,064	9,514,581	2,481,910	6,800,685	14,853,018	7,911,397	10,569,056	63,504,491
2011	1,379,203	2,646,800	7,398,147	9,517,993	2,476,696	6,835,222	14,933,484	7,898,173	10,568,603	63,654,321
2012	1,388,282	2,675,227	7,509,067	9,603,646	2,498,219	6,950,187	15,137,470	7,970,897	10,702,926	64,435,921
2013	1,397,515	2,700,822	7,619,039	9,693,870	2,518,229	7,066,630	15,332,895	8,057,468	10,834,181	65,220,649
2014	1,406,898	2,724,710	7,736,087	9,800,053	2,540,414	7,177,114	15,526,511	8,153,488	10,977,459	66,042,734
2015	1,416,438	2,745,579	7,849,763	9,908,350	2,561,836	7,286,510	15,723,865	8,247,719	11,117,570	66,857,630
2016	1,426,150	2,764,544	7,952,120	10,014,597	2,582,037	7,392,280	15,905,337	8,342,143	11,246,565	67,625,773
2017	1,436,156	2,784,164	8,056,902	10,122,475	2,602,560	7,500,042	16,090,850	8,438,177	11,378,274	68,409,600
2018	1,446,336	2,803,606	8,164,189	10,232,466	2,623,402	7,609,845	16,280,597	8,535,838	11,512,750	69,209,029
2019	1,456,704	2,823,303	8,274,039	10,344,559	2,644,570	7,721,559	16,474,606	8,635,174	11,650,067	70,024,581
2020	1,467,245	2,843,258	8,386,541	10,458,849	2,666,070	7,835,418	16,673,017	8,736,057	11,790,254	70,856,709
2021	1,478,123	2,863,487	8,501,679	10,574,436	2,687,918	7,951,485	16,875,957	8,834,090	11,933,417	71,700,592
2022	1,489,211	2,884,402	8,619,649	10,692,313	2,710,104	8,069,791	17,083,572	8,934,062	12,079,631	72,562,735
2023	1,500,485	2,905,167	8,740,482	10,812,531	2,732,641	8,190,403	17,295,939	9,036,002	12,229,005	73,442,655
2024	1,511,973	2,926,210	8,864,290	10,935,001	2,755,538	8,313,687	17,513,221	9,139,954	12,381,587	74,341,461
2025	1,523,831	2,947,540	8,991,106	11,059,923	2,778,795	8,439,394	17,735,559	9,245,998	12,537,445	75,259,591
2026	1,535,914	2,969,169	9,121,050	11,187,375	2,802,428	8,567,801	17,963,098	9,354,156	12,696,677	76,197,668
2027	1,548,228	2,991,091	9,254,207	11,317,421	2,826,432	8,698,952	18,195,946	9,464,498	12,859,355	77,156,130
2028	1,560,953	3,013,739	9,390,675	11,450,141	2,850,824	8,832,930	18,434,244	9,577,064	13,025,579	78,136,149
2029	1,573,929	3,036,282	9,530,531	11,585,577	2,875,602	8,969,778	18,678,127	9,691,892	13,195,431	79,137,149
2030	1,587,161	3,059,147	9,672,932	11,723,809	2,900,771	9,109,585	18,927,802	9,809,063	13,369,007	80,159,277

*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										
2005	1,980,690	4,344,138	14,059,566	19,095,458	5,141,080	11,590,222	25,460,822	14,700,897	19,169,274	115,542,147
2006	1,919,315	4,307,680	13,586,156	18,441,431	4,879,512	11,774,696	24,790,771	14,575,813	19,272,709	113,548,083
2007	1,840,704	4,253,657	13,397,718	18,215,841	4,830,691	12,044,943	24,924,805	14,570,718	19,713,068	113,792,145
2008	1,779,872	5,014,007	12,550,131	17,338,798	4,496,856	11,682,893	24,628,648	14,303,704	18,746,573	110,541,482
2009	1,658,441	4,771,687	11,736,929	16,666,400	4,111,118	11,195,150	23,002,576	13,847,686	17,232,800	104,222,787
Forecast										
2010	1,664,541	4,630,720	11,718,193	16,548,994	4,049,912	11,120,842	22,480,821	13,464,131	16,607,864	102,286,018
2011	1,660,466	4,603,551	11,795,319	16,468,947	4,036,496	11,163,194	22,540,646	13,436,359	16,535,962	102,240,940
2012	1,670,830	4,635,452	11,933,301	16,588,444	4,063,654	11,320,047	22,788,031	13,544,651	16,710,135	103,254,545
2013	1,681,363	4,664,563	12,070,709	16,713,100	4,089,389	11,479,032	23,027,619	13,667,411	16,881,833	104,275,019
2014	1,692,060	4,692,001	12,215,593	16,853,938	4,117,382	11,632,763	23,266,179	13,800,262	17,066,167	105,336,345
2015	1,702,931	4,716,064	12,356,722	16,997,527	4,144,705	11,786,118	23,509,267	13,931,750	17,247,945	106,393,029
2016	1,713,989	4,738,260	12,486,956	17,139,699	4,170,899	11,935,173	23,737,304	14,064,117	17,419,243	107,405,640
2017	1,725,358	4,761,244	12,620,074	17,283,712	4,197,507	12,086,939	23,970,206	14,198,781	17,593,898	108,437,719
2018	1,736,919	4,783,993	12,756,119	17,430,394	4,224,530	12,241,507	24,208,178	14,335,753	17,771,978	109,489,371
2019	1,748,684	4,807,040	12,895,163	17,579,728	4,251,980	12,398,676	24,451,283	14,475,109	17,953,568	110,561,231
2020	1,760,637	4,830,386	13,037,696	17,731,856	4,279,864	12,558,770	24,699,663	14,616,711	18,138,700	111,654,283
2021	1,772,947	4,854,043	13,182,571	17,883,157	4,308,194	12,721,907	24,953,491	14,756,202	18,327,491	112,760,003
2022	1,785,486	4,878,536	13,331,113	18,037,261	4,336,965	12,888,030	25,212,901	14,898,360	18,520,031	113,888,683
2023	1,798,231	4,902,819	13,482,990	18,194,207	4,366,192	13,057,330	25,477,990	15,043,237	18,716,448	115,039,444
2024	1,811,206	4,927,420	13,638,311	18,353,841	4,395,890	13,230,175	25,748,938	15,190,907	18,916,797	116,213,485
2025	1,824,569	4,952,352	13,797,134	18,516,442	4,426,056	13,406,321	26,025,938	15,341,446	19,121,158	117,411,416
2026	1,838,176	4,977,628	13,959,573	18,682,152	4,456,705	13,586,176	26,309,132	15,494,899	19,329,640	118,634,081
2027	1,852,032	5,003,245	14,125,729	18,851,042	4,487,841	13,769,811	26,598,637	15,651,364	19,542,338	119,882,039
2028	1,866,321	5,029,733	14,295,714	19,023,213	4,519,481	13,957,333	26,894,645	15,810,894	19,759,361	121,156,695
2029	1,880,879	5,056,063	14,469,602	19,198,725	4,551,619	14,148,805	27,197,286	15,973,539	19,980,808	122,457,326
2030	1,895,714	5,082,763	14,646,293	19,377,660	4,584,274	14,344,362	27,506,803	16,139,407	20,206,782	123,784,058

*Includes all itinerant and local operations at all airports.

**Table S-9.
TRACON 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										
2005	428,546	1,777,074	7,495,156	7,487,722	1,717,340	3,233,467	11,803,883	6,045,128	7,194,029	47,182,345
2006	422,289	1,724,451	7,082,818	7,099,568	1,608,575	3,144,413	11,401,879	5,934,124	7,392,532	45,810,649
2007	404,681	1,648,680	7,081,340	6,890,903	1,616,990	3,158,781	11,421,612	5,760,144	7,440,522	45,423,653
2008	384,103	1,620,660	6,748,337	6,469,241	1,551,246	3,175,723	10,941,722	6,116,483	7,212,438	44,219,953
2009	352,795	1,395,449	5,974,354	5,717,290	1,476,090	2,993,636	9,679,397	5,216,955	6,597,751	39,403,717
Forecast										
2010	376,723	1,315,591	5,997,425	5,629,145	1,495,521	2,962,856	9,537,773	5,125,573	6,528,935	38,969,542
2011	380,328	1,297,440	6,041,168	5,640,645	1,490,586	2,976,030	9,539,791	5,098,563	6,559,093	39,023,644
2012	384,824	1,328,609	6,157,893	5,724,256	1,511,854	3,045,674	9,747,527	5,163,589	6,690,138	39,754,364
2013	389,410	1,356,877	6,274,228	5,812,170	1,531,560	3,116,171	9,946,138	5,242,294	6,818,229	40,487,077
2014	394,093	1,383,545	6,398,323	5,917,214	1,553,593	3,179,994	10,143,957	5,330,660	6,958,995	41,260,374
2015	398,872	1,406,511	6,519,611	6,023,685	1,574,768	3,241,807	10,344,989	5,416,844	7,096,434	42,023,521
2016	403,727	1,427,320	6,628,051	6,126,546	1,594,419	3,299,547	10,527,126	5,502,139	7,220,997	42,729,872
2017	408,819	1,448,981	6,739,134	6,231,326	1,614,416	3,358,532	10,713,495	5,588,830	7,348,346	43,451,879
2018	414,018	1,470,351	6,852,935	6,338,277	1,634,751	3,418,781	10,904,181	5,676,985	7,478,510	44,188,789
2019	419,330	1,492,025	6,969,540	6,447,464	1,655,440	3,480,312	11,099,305	5,766,628	7,611,589	44,941,633
2020	424,755	1,513,993	7,089,031	6,558,930	1,676,486	3,543,174	11,298,954	5,857,663	7,747,585	45,710,571
2021	430,440	1,536,263	7,211,375	6,672,593	1,697,873	3,607,380	11,503,141	5,945,552	7,886,510	46,491,127
2022	436,255	1,559,425	7,336,806	6,788,671	1,719,628	3,672,966	11,712,199	6,035,223	8,028,584	47,289,757
2023	442,202	1,582,320	7,465,360	6,907,189	1,741,756	3,739,977	11,926,141	6,126,702	8,173,863	48,105,510
2024	448,289	1,605,549	7,597,161	7,028,208	1,764,276	3,808,439	12,145,215	6,220,030	8,322,449	48,939,616
2025	454,673	1,629,121	7,732,274	7,151,802	1,787,198	3,878,388	12,369,511	6,315,232	8,474,399	49,792,598
2026	461,213	1,653,039	7,870,827	7,278,020	1,810,526	3,949,861	12,599,195	6,412,363	8,629,829	50,664,873
2027	467,903	1,677,304	8,012,895	7,406,907	1,834,253	4,022,903	12,834,442	6,511,489	8,788,813	51,556,909
2028	474,930	1,702,506	8,158,605	7,538,593	1,858,412	4,097,545	13,075,372	6,612,648	8,951,477	52,470,088
2029	482,126	1,727,508	8,308,022	7,673,039	1,882,994	4,173,810	13,322,144	6,715,856	9,117,863	53,403,362
2030	489,501	1,752,890	8,461,130	7,810,374	1,908,002	4,251,762	13,574,925	6,821,198	9,288,109	54,357,891

**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										
2005	4,247,336	16,883,229	117,581,949	108,376,830	23,973,228	60,896,618	171,060,746	80,144,345	150,242,513	733,406,794
2006	4,270,584	17,501,310	117,159,927	107,221,437	23,594,120	63,436,986	165,431,107	81,944,488	152,326,793	732,886,752
2007	4,405,409	18,151,719	122,470,390	108,193,575	23,721,439	66,185,320	172,000,918	84,362,198	157,034,497	756,525,465
2008	4,552,929	17,659,921	120,978,643	104,615,875	22,825,924	67,655,054	173,150,595	83,876,703	152,151,154	747,466,798
2009	4,083,908	16,000,211	114,796,283	95,306,292	21,041,287	64,280,576	162,616,866	78,927,490	138,090,926	695,143,839
Forecast										
2010	4,106,353	15,840,215	114,482,682	96,454,415	21,205,730	66,152,129	162,878,120	80,072,079	138,525,542	699,717,265
2011	4,007,710	16,349,150	118,521,829	101,648,632	21,735,790	68,057,984	168,247,098	82,641,354	141,383,502	722,593,049
2012	4,075,081	17,073,231	122,391,852	104,192,833	22,338,660	70,601,003	174,801,668	84,511,724	146,062,381	746,048,433
2013	4,143,861	17,704,760	126,181,090	106,787,689	22,892,160	73,179,312	180,742,738	86,809,124	150,577,717	769,018,451
2014	4,214,062	18,288,239	130,413,520	110,072,524	23,516,684	75,441,342	186,804,588	89,603,716	155,510,948	793,865,623
2015	4,285,730	18,822,648	134,582,031	113,399,783	24,114,823	77,639,803	192,716,775	92,350,457	160,329,119	818,241,169
2016	4,358,881	19,287,191	138,281,990	116,479,206	24,657,877	79,678,901	198,120,550	94,996,116	164,570,286	840,430,998
2017	4,433,569	19,764,700	142,099,823	119,647,450	25,215,308	81,775,249	203,688,352	97,705,656	168,939,320	863,269,427
2018	4,509,809	20,255,668	146,039,586	122,909,525	25,787,572	83,930,543	209,425,590	100,481,223	173,440,569	886,780,085
2019	4,587,646	20,760,558	150,105,519	126,268,445	26,375,148	86,140,661	215,337,820	103,324,723	178,078,419	910,978,939
2020	4,667,108	21,279,978	154,301,999	129,727,408	26,978,507	88,412,847	221,423,984	106,238,012	182,852,782	935,882,625
2021	4,748,241	21,814,430	158,633,535	133,289,696	27,598,167	90,748,925	227,693,031	108,900,407	187,772,854	961,199,286
2022	4,831,075	22,364,510	163,104,874	136,958,705	28,234,664	93,150,806	234,154,523	111,638,737	192,843,579	987,281,473
2023	4,915,653	22,930,810	167,720,899	140,737,950	28,888,532	95,620,479	240,814,761	114,455,419	198,070,046	1,014,154,549
2024	5,002,004	23,513,969	172,398,667	144,631,077	29,560,345	98,160,358	247,680,425	117,353,001	203,457,558	1,041,757,404
2025	5,090,186	24,114,647	177,092,283	148,641,842	30,250,703	100,772,187	254,746,872	120,334,163	209,011,638	1,070,054,521
2026	5,180,231	24,733,543	181,937,948	152,774,454	30,960,212	103,458,116	262,032,471	123,401,562	214,737,996	1,099,216,533
2027	5,272,173	25,371,378	186,941,060	157,033,009	31,689,516	106,220,389	269,544,544	126,558,066	220,642,538	1,129,272,673
2028	5,366,069	26,028,896	192,107,200	161,421,692	32,439,277	109,061,291	277,290,730	129,806,563	226,731,431	1,160,253,149
2029	5,461,951	26,706,889	197,442,180	165,944,926	33,210,192	111,983,192	285,278,919	133,150,056	233,011,032	1,192,189,337
2030	5,559,879	27,406,184	202,952,002	170,607,246	34,002,969	114,988,551	293,517,294	136,591,638	239,487,968	1,225,113,731

*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										
2005	5,255	10,636	18,735	32,985	7,246	23,970	36,028	25,055	37,583	197,493
2006	5,294	10,614	18,825	32,090	7,400	24,280	36,549	24,379	38,096	197,527
2007	5,336	10,719	19,048	32,573	7,402	25,489	36,312	25,212	38,002	200,093
2008	4,606	9,595	17,095	29,749	7,027	23,002	32,504	20,853	31,631	176,062
2009	4,600	9,707	16,749	29,389	7,077	23,453	32,692	22,096	32,134	177,897
Forecast										
2010	4,624	9,727	16,862	29,506	7,138	23,705	32,889	22,311	32,254	179,016
2011	4,654	9,776	16,972	29,716	7,199	23,957	33,148	22,510	32,539	180,471
2012	4,685	9,836	17,124	29,977	7,267	24,247	33,449	22,754	32,898	182,237
2013	4,716	9,892	17,241	30,185	7,329	24,497	33,715	22,966	33,189	183,730
2014	4,745	9,946	17,359	30,422	7,396	24,737	33,988	23,184	33,488	185,265
2015	4,775	10,004	17,464	30,645	7,453	25,005	34,247	23,408	33,796	186,797
2016	4,807	10,082	17,607	30,898	7,522	25,298	34,570	23,659	34,120	188,563
2017	4,837	10,136	17,716	31,135	7,594	25,546	34,856	23,897	34,432	190,149
2018	4,869	10,203	17,856	31,394	7,664	25,832	35,166	24,126	34,747	191,857
2019	4,901	10,260	17,985	31,646	7,738	26,085	35,455	24,363	35,079	193,512
2020	4,930	10,317	18,109	31,888	7,810	26,352	35,748	24,585	35,397	195,136
2021	4,965	10,390	18,249	32,152	7,888	26,645	36,078	24,848	35,723	196,938
2022	4,999	10,457	18,393	32,422	7,960	26,928	36,416	25,091	36,067	198,733
2023	5,034	10,534	18,531	32,695	8,043	27,222	36,762	25,361	36,434	200,616
2024	5,070	10,611	18,670	32,959	8,121	27,505	37,107	25,619	36,781	202,443
2025	5,102	10,689	18,796	33,227	8,202	27,788	37,436	25,884	37,134	204,258
2026	5,135	10,768	18,929	33,497	8,285	28,065	37,770	26,152	37,491	206,092
2027	5,169	10,847	19,065	33,770	8,369	28,345	38,113	26,423	37,852	207,953
2028	5,203	10,927	19,202	34,044	8,453	28,626	38,463	26,697	38,219	209,834
2029	5,237	11,010	19,337	34,338	8,540	28,900	38,822	26,977	38,593	211,754
2030	5,272	11,097	19,478	34,627	8,627	29,193	39,199	27,284	38,972	213,749

*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 provide passenger feed to 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. Controllers employed by an FAA contractor count operations at FAA contract towers. At non-FAA facilities, operations counts represent an estimate.

Air carrier operations represent either takeoffs 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.

Itinerant general aviation and local civil operations represent all civil aviation aircraft takeoffs and landings not classified as commercial. Military operations represent takeoffs and landings by military aircraft. Operations are either 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 airport.

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.

Tracon Operations

These data include arrivals, departures, and overflights conducted by an FAA radar approach control facility for aircraft under Instrument Flight Rule (IFR) or Visual Flight Rule (VFR) plans.

Overflights

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

Table B-1.
List of Large Hub Towers

Location Identifier	Region	Airport Name	City, State
ATL	ASO	HARTSFIELD - JACKSON ATLANTA INTL	ATLANTA, GA
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	BOSTON, MA
BWI	AEA	BALTIMORE/WASHINGTON INTL THURGOOD MARSHAL	BALTIMORE, MD
CLT	ASO	CHARLOTTE/DOUGLAS INTL	CHARLOTTE, NC
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON, DC
DEN	ANM	DENVER INTL	DENVER, CO
DFW	ASW	DALLAS/FORT WORTH INTL	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 INTL	WASHINGTON, DC
IAH	ASW	GEORGE BUSH INTERCONTINENTAL/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	SAN DIEGO, CA
SEA	ANM	SEATTLE-TACOMA INTL	SEATTLE, WA
SFO	AWP	SAN FRANCISCO INTL	SAN FRANCISCO, CA
SLC	ANM	SALT LAKE CITY INTL	SALT LAKE CITY, UT
TPA	ASO	TAMPA INTL	TAMPA, FL

Listed 29 Airports.

**Table B-2.
List of Medium Hub Towers**

Location Identifier	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	BOB HOPE	BURBANK, CA
CLE	AGL	CLEVELAND-HOPKINS INTL	CLEVELAND, OH
CMH	AGL	PORT COLUMBUS INTL	COLUMBUS, OH
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTL	COVINGTON , KY
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
MKE	AGL	GENERAL MITCHELL INTL	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
PBI	ASO	PALM BEACH INTL	WEST PALM BEACH, FL
PDX	ANM	PORTLAND INTL	PORTLAND, OR
PIT	AEA	PITTSBURGH INTL	PITTSBURGH, PA
PVD	ANE	THEODORE FRANCIS GREEN STATE	PROVIDENCE, RI
RDU	ASO	RALEIGH-DURHAM INTL	RALEIGH/DURHAM, NC
RNO	AWP	RENO/TAHOE INTL	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 INTL	SAN JOSE, CA
SJU	ASO	LUIS MUNOZ MARIN INTL	SAN JUAN, PR
SMF	AWP	SACRAMENTO INTL	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 36 Airports.

Table B-3.
List of Small Hub Towers

Location Identifier	Region	Airport Name	City, State
ABE	AEA	LEHIGH VALLEY INTL	ALLENTOWN, PA
ACY	AEA	ATLANTIC CITY INTL	ATLANTIC CITY, NJ
ALB	AEA	ALBANY INTL	ALBANY, NY
AMA	ASW	RICK HUSBAND AMARILLO INTL	AMARILLO, TX
BHM	ASO	BIRMINGHAM-SHUTTLESWORTH 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
BZN	ANM	GALLATIN FIELD	BOZEMAN, MT
CAE	ASO	COLUMBIA METROPOLITAN	COLUMBIA, SC
CAK	AGL	AKRON-CANTON RGNL	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
FAR	AGL	HECTOR INTL	FARGO, ND
FAT	AWP	FRESNO YOSEMITE INTL	FRESNO, CA
FNT	AGL	BISHOP INTL	FLINT, MI
GEG	ANM	SPOKANE INTL	SPOKANE, WA
GPT	ASO	GULFPORT-BILOXI INTL	GULFPORT, MS
GRB	AGL	AUSTIN STRAUBEL INTL	GREEN BAY, WI
GRR	AGL	GERALD R. FORD INTL	GRAND RAPIDS, MI
GSN	AWP	FRANCISCO C. ADA/SAIPAN INTL	SAIPAN ISLAND, CQ
GSO	ASO	PIEDMONT TRIAD INTL	GREENSBORO, NC
GSP	ASO	GREENVILLE SPARTANBURG INTL	GREER, SC
GUM	AWP	GUAM INTL	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
ILM	ASO	WILMINGTON INTL	WILMINGTON, NC
ISP	AEA	LONG ISLAND MAC ARTHUR	ISLIP, NY
ITO	AWP	HILO INTL	HILO, HI
JAN	ASO	JACKSON-EVERS INTL	JACKSON, MS
KOA	AWP	KONA INTL AT KEAHOLE	KAILUA/KONA, HI
LBB	ASW	LUBBOCK PRESTON SMITH 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 INTL	MIDLAND, TX
MDT	AEA	HARRISBURG INTL	HARRISBURG, PA
MFE	ASW	MC ALLEN MILLER INTL	MC ALLEN, TX
MHT	ANE	MANCHESTER	MANCHESTER, NH
MLI	AGL	QUAD CITY INTL	MOLINE, IL

Table B-3.
List of Small Hub Towers

Location Identifier	Region	Airport Name	City, State
MSN	AGL	DANE COUNTY RGNL-TRUAX FIELD	MADISON, WI
MYR	ASO	MYRTLE BEACH INTL	MYRTLE BEACH, SC
OKC	ASW	WILL ROGERS WORLD	OKLAHOMA CITY, OK
ORF	AEA	NORFOLK INTL	NORFOLK, VA
PHF	AEA	NEWPORT NEWS/WILLIAMSBURG INTL	NEWPORT NEWS, VA
PIE	ASO	ST PETERSBURG-CLEARWATER INTL	ST PETERSBURG-CLEARWATER, FL
PNS	ASO	PENSACOLA RGNL	PENSACOLA, FL
PSP	AWP	PALM SPRINGS INTL	PALM SPRINGS, CA
PWM	ANE	PORTLAND INTL JETPORT	PORTLAND, ME
RIC	AEA	RICHMOND INTL	RICHMOND, VA
ROC	AEA	GREATER ROCHESTER INTL	ROCHESTER, NY
SAV	ASO	SAVANNAH/HILTON HEAD INTL	SAVANNAH, GA
SBA	AWP	SANTA BARBARA MUNI	SANTA BARBARA, CA
SDF	ASO	LOUISVILLE INTL-STANDIFORD FIELD	LOUISVILLE, KY
SFB	ASO	ORLANDO SANFORD INTL	ORLANDO, FL
SGF	ACE	SPRINGFIELD-BRANSON NATIONAL	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 RGNL	TALLAHASSEE, FL
TUL	ASW	TULSA INTL	TULSA, OK
TYS	ASO	MC GHEE TYSON	KNOXVILLE, TN
XNA	ASW	NORTHWEST ARKANSAS RGNL	FAYETTEVILLE/SPRINGDALE/, AR

Listed 73 Airports.

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
ABI	ASW	ABILENE RGNL	ABILENE, TX
ABY	ASO	SOUTHWEST GEORGIA RGNL	ALBANY, GA
ACK	ANE	NANTUCKET MEMORIAL	NANTUCKET, MA
ACT	ASW	WACO RGNL	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
AEG	ASW	DOUBLE EAGLE II	ALBUQUERQUE, NM
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 RGNL	ALTON/ST LOUIS, IL
ALO	ACE	WATERLOO RGNL	WATERLOO, IA
ALW	ANM	WALLA WALLA RGNL	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 RGNL	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 RGNL	APPLETON, WI
AVL	ASO	ASHEVILLE RGNL	ASHEVILLE, NC
AVP	AEA	WILKES-BARRE/SCRANTON INTL	WILKES-BARRE/SCRANTON, PA
AZO	AGL	KALAMAZOO/BATTLE CREEK INTL	KALAMAZOO, MI
BAF	ANE	BARNES MUNI	WESTFIELD/SPRINGFIELD, MA
BAK	AGL	COLUMBUS MUNI	COLUMBUS, IN
BBG	ACE	BRANSON	BRANSON, MO
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	ROCKY MOUNTAIN METROPOLITAN	DENVER, CO
BKL	AGL	BURKE LAKEFRONT	CLEVELAND, OH
BLI	ANM	BELLINGHAM INTL	BELLINGHAM, WA
BMG	AGL	MONROE COUNTY	BLOOMINGTON, IN
BMI	AGL	CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL	BLOOMINGTON/NORMAL, IL
BPT	ASW	SOUTHEAST TEXAS RGNL	BEAUMONT/PORT ARTHUR, TX
BQN	ASO	RAFAEL HERNANDEZ	AGUADILLA, PR
BRO	ASW	BROWNSVILLE/SOUTH PADRE ISLAND INTL	BROWNSVILLE, TX
BTL	AGL	W K KELLOGG	BATTLE CREEK, MI
BVY	ANE	BEVERLY MUNI	BEVERLY, MA

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
CCR	AWP	BUCHANAN FIELD	CONCORD, CA
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	NORTH CENTRAL WEST VIRGINIA	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 RGNL	COLUMBIA, MO
CPR	ANM	CASPER/NATRONA COUNTY INTL	CASPER, WY
CPS	AGL	ST LOUIS DOWNTOWN	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
CXO	ASW	LONE STAR EXECUTIVE	HOUSTON , TX
CXY	AEA	CAPITAL CITY	HARRISBURG, PA
CYS	ANM	CHEYENNE RGNL/JERRY OLSON FIELD	CHEYENNE, WY
DAB	ASO	DAYTONA BEACH INTL	DAYTONA BEACH, FL
DBQ	ACE	DUBUQUE RGNL	DUBUQUE, IA
DEC	AGL	DECATUR	DECATUR, IL
DET	AGL	COLEMAN A. YOUNG MUNI	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
EAU	AGL	CHIPPEWA VALLEY RGNL	EAU CLAIRE, WI
ECP	ASO	Northwest Florida - Panama City Intl	PANAMA CITY, FL
EGE	ANM	EAGLE COUNTY RGNL	EAGLE, CO
ELM	AEA	ELMIRA/CORNING RGNL	ELMIRA/CORNING, NY
EMT	AWP	EL MONTE	EL MONTE, CA
ENA	AAL	KENAI MUNI	KENAI, AK
ENW	AGL	KENOSHA RGNL	KENOSHA, WI
ERI	AEA	ERIE INTL/TOM RIDGE FIELD	ERIE, PA
ESN	AEA	EASTON/NEWMAM FIELD	EASTON, MD
EUG	ANM	MAHLON SWEET FIELD	EUGENE, OR
EVB	ASO	NEW SMYRNA BEACH MUNI	NEW SMYRNA BEACH, FL
EVV	AGL	EVANSVILLE RGNL	EVANSVILLE, IN
EWB	ANE	NEW BEDFORD RGNL	NEW BEDFORD, MA
EWN	ASO	COASTAL CAROLINA REGIONAL	NEW BERN, NC
EYW	ASO	KEY WEST INTL	KEY WEST, FL
FAY	ASO	FAYETTEVILLE RGNL/GRANNIS FIELD	FAYETTEVILLE, NC
FCM	AGL	FLYING CLOUD	MINNEAPOLIS, MN

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
FFZ	AWP	FALCON FLD	MESA, AZ
FLG	AWP	FLAGSTAFF PULLIAM	FLAGSTAFF, AZ
FLO	ASO	FLORENCE RGNL	FLORENCE, SC
FMN	ASW	FOUR CORNERS RGNL	FARMINGTON, NM
FMY	ASO	PAGE FIELD	FORT MYERS, FL
FOE	ACE	FORBES FIELD	TOPEKA, KS
FOK	AEA	FRANCIS S GABRESKI	WESTHAMPTON BEACH, NY
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 RGNL	FORT SMITH, AR
FTG	ANM	FRONT RANGE	DENVER, CO
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 INTL	FORT WAYNE, IN
FWS	ASW	FORT WORTH SPINKS	FORT WORTH, TX
FXE	ASO	FORT LAUDERDALE EXECUTIVE	FORT LAUDERDALE, FL
FYV	ASW	DRAKE FIELD	FAYETTEVILLE, AR
GCK	ACE	GARDEN CITY RGNL	GARDEN CITY, KS
GCN	AWP	GRAND CANYON NATIONAL PARK	GRAND CANYON, AZ
GEU	AWP	GLENDALE MUNI	GLENDALE, AZ
GFK	AGL	GRAND FORKS INTL	GRAND FORKS, ND
GGG	ASW	EAST TEXAS RGNL	LONGVIEW, TX
GJT	ANM	GRAND JUNCTION REGIONAL	GRAND JUNCTION, CO
GKY	ASW	ARLINGTON MUNI	ARLINGTON, TX
GLH	ASO	MID DELTA RGNL	GREENVILLE, MS
GLS	ASW	SCHOLES INTL AT GALVESTON	GALVESTON, TX
GMU	ASO	GREENVILLE DOWNTOWN	GREENVILLE, SC
GNV	ASO	GAINESVILLE RGNL	GAINESVILLE, FL
GON	ANE	GROTON-NEW LONDON	GROTON (NEW LONDON) , CT
GPI	ANM	GLACIER PARK INTL	KALISPELL , MT
GPM	ASW	GRAND PRAIRIE MUNI	GRAND PRAIRIE, TX
GRI	ACE	CENTRAL NEBRASKA RGNL	GRAND ISLAND, NE
GTF	ANM	GREAT FALLS INTL	GREAT FALLS, MT
GTR	ASO	GOLDEN TRIANGLE RGNL	COLUMBUS/W POINT/STARKVILLE , MS
GTU	ASW	GEORGETOWN MUNI	GEORGETOWN, TX
GYH	ASO	DONALDSON CENTER	GREENVILLE, SC
GYR	AWP	PHOENIX GOODYEAR	GOODYEAR, AZ
GYG	AGL	GARY/CHICAGO INTL	GARY, IN
HEF	AEA	MANASSAS RGNL/HARRY P. DAVIS FIELD	MANASSAS, VA
HFD	ANE	HARTFORD-BRAINARD	HARTFORD, CT
HGR	AEA	HAGERSTOWN RGNL-RICHARD A HENSON FLD	HAGERSTOWN, MD
HHR	AWP	JACK NORTHROP FIELD/HAWTHORNE MUNI	HAWTHORNE, CA
HIO	ANM	PORTLAND-HILLSBORO	PORTLAND, OR
HKS	ASO	HAWKINS FIELD	JACKSON, MS
HKY	ASO	HICKORY RGNL	HICKORY, NC
HLG	AEA	WHEELING OHIO CO	WHEELING, WV
HLN	ANM	HELENA RGNL	HELENA, MT
HND	AWP	HENDERSON EXECUTIVE	LAS VEGAS, NV
HOB	ASW	LEA COUNTY RGNL	HOBBS, NM
HSA	ASO	STENNIS INTL	BAY ST LOUIS, MS
HTS	AEA	TRI-STATE/MILTON J. FERGUSON FIELD	HUNTINGTON, WV
HUF	AGL	TERRE HAUTE INTL-HULMAN FIELD	TERRE HAUTE, IN
HUM	ASW	HOUMA-TERREBONNE	HOUMA, LA

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
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
IFP	AWP	LAUGHLIN/BULLHEAD INTL	BULLHEAD CITY, AZ
ILG	AEA	NEW CASTLE	WILMINGTON, DE
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 RGNL	ITHACA, NY
IWA	AWP	PHOENIX-MESA GATEWAY	PHOENIX, AZ
IXD	ACE	NEW CENTURY AIRCENTER	OLATHE, KS
JAC	ANM	JACKSON HOLE	JACKSON, WY
JEF	ACE	JEFFERSON CITY MEMORIAL	JEFFERSON CITY, MO
JLN	ACE	JOPLIN RGNL	JOPLIN, MO
JNU	AAL	JUNEAU INTL	JUNEAU, AK
JQF	ASO	CONCORD RGNL	CONCORD, NC
JRF	AWP	KALAELOA (JOHN RODGERS FIELD)	KAPOLEI, HI
JVL	AGL	SOUTHERN WISCONSIN RGNL	JANESVILLE, WI
JXN	AGL	JACKSON COUNTY-REYNOLDS FIELD	JACKSON, MI
LAF	AGL	PURDUE UNIVERSITY	LAFAYETTE, IN
LAL	ASO	LAKELAND LINDER RGNL	LAKELAND, FL
LAN	AGL	CAPITAL CITY	LANSING, MI
LAW	ASW	LAWTON-FORT SILL RGNL	LAWTON, OK
LBE	AEA	ARNOLD PALMER RGNL	LATROBE, PA
LCH	ASW	LAKE CHARLES RGNL	LAKE CHARLES, LA
LEB	ANE	LEBANON MUNI	LEBANON, NH
LEE	ASO	LEESBURG INTL	LEESBURG, FL
LFT	ASW	LAFAYETTE RGNL	LAFAYETTE, LA
LMT	ANM	KLAMATH FALLS	KLAMATH FALLS, OR
LNK	ACE	LINCOLN	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	AGL	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 RGNL/PRESTON GLENN FLD	LYNCHBURG, VA
LZU	ASO	GWINNETT COUNTY - BRISCOE FIELD	LAWRENCEVILLE, GA
MBS	AGL	MBS INTL	SAGINAW, MI
MCN	ASO	MIDDLE GEORGIA RGNL	MACON, GA
MDH	AGL	SOUTHERN ILLINOIS	CARBONDALE/MURPHYSBORO, IL
MEI	ASO	KEY FIELD	MERIDIAN, MS
MER	AWP	CASTLE	MERCED, CA
MFD	AGL	MANSFIELD LAHM RGNL	MANSFIELD, OH
MFR	ANM	ROGUE VALLEY INTL - MEDFORD	MEDFORD, OR
MGM	ASO	MONTGOMERY RGNL (DANNELLY FIELD)	MONTGOMERY, AL

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
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
MKG	AGL	MUSKEGON COUNTY	MUSKEGON, MI
MKK	AWP	MOLOKAI	KAUNAKAKAI, HI
MKL	ASO	MC KELLAR-SIPES RGNL	JACKSON, TN
MLB	ASO	MELBOURNE INTL	MELBOURNE, FL
MLU	ASW	MONROE RGNL	MONROE, LA
MMU	AEA	MORRISTOWN MUNI	MORRISTOWN, NJ
MOB	ASO	MOBILE RGNL	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 INTL	MISSOULA, MT
MTN	AEA	MARTIN STATE	BALTIMORE, MD
MVY	ANE	MARTHAS VINEYARD	VINEYARD HAVEN, MA
MWA	AGL	WILLIAMSON COUNTY RGNL	MARION, IL
MWC	AGL	LAWRENCE J. TIMMERMAN	MILWAUKEE, WI
MWH	ANM	GRANT CO INTL	MOSES LAKE, WA
MYF	AWP	MONTGOMERY FIELD	SAN DIEGO, CA
NEW	ASW	LAKEFRONT	NEW ORLEANS, LA
NQA	ASO	MILLINGTON RGNL JETPORT	MILLINGTON, TN
OCF	ASO	OCALA INTL-JIM TAYLOR FIELD	OCALA, FL
OGD	ANM	OGDEN-HINCKLEY	OGDEN, UT
OJC	ACE	JOHNSON COUNTY EXECUTIVE	OLATHE, KS
OLM	ANM	OLYMPIA RGNL	OLYMPIA, WA
OLV	ASO	OLIVE BRANCH	OLIVE BRANCH, MS
OMN	ASO	ORMOND BEACH MUNI	ORMOND BEACH, FL
OPF	ASO	OPA- LOCKA EXECUTIVE	MIAMI, FL
ORH	ANE	WORCESTER RGNL	WORCESTER, MA
ORL	ASO	EXECUTIVE	ORLANDO, FL
OSH	AGL	WITTMAN RGNL	OSHKOSH, WI
OSU	AGL	OHIO STATE UNIVERSITY	COLUMBUS, OH
OTH	ANM	SOUTHWEST OREGON RGNL	NORTH BEND, OR
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 RGNL	PADUCAH, KY
PAO	AWP	PALO ALTO ARPT OF SANTA CLARA CO	PALO ALTO, CA
PDK	ASO	DEKALB-PEACHTREE	ATLANTA, GA
PDT	ANM	EASTERN OREGON RGNL AT PENDLETON	PENDLETON, OR
PIA	AGL	GREATER PEORIA RGNL	PEORIA, IL
PIH	ANM	POCATELLO RGNL	POCATELLO, ID
PKB	AEA	MID-OHIO VALLEY RGNL	PARKERSBURG, WV
PMD	AWP	PALMDALE RGNL/USAF PLANT 42	PALMDALE, CA
PMP	ASO	POMPANO BEACH AIRPARK	POMPANO BEACH, FL
PNE	AEA	NORTHEAST PHILADELPHIA	PHILADELPHIA, PA

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
POC	AWP	BRACKETT FIELD	LA VERNE, CA
POU	AEA	DUTCHESS COUNTY	POUGHKEEPSIE, NY
PRC	AWP	ERNEST A. LOVE FIELD	PRESCOTT, AZ
PSC	ANM	TRI-CITIES	PASCO, WA
PTK	AGL	OAKLAND COUNTY INTL	PONTIAC, MI
PUB	ANM	PUEBLO MEMORIAL	PUEBLO, CO
PVU	ANM	PROVO MUNI	PROVO, UT
PWA	ASW	WILEY POST	OKLAHOMA CITY, OK
PWK	AGL	CHICAGO EXECUTIVE	CHICAGO/PROSPECT HEIGHTS/WHEELING , IL
RAL	AWP	RIVERSIDE MUNI	RIVERSIDE, CA
RAP	AGL	RAPID CITY RGNL	RAPID CITY, SD
RBD	ASW	DALLAS EXECUTIVE	DALLAS, TX
RDD	AWP	REDDING MUNI	REDDING, CA
RDG	AEA	READING RGNL/CARL A SPAATZ FIELD	READING, PA
RDM	ANM	ROBERTS FIELD	REDMOND, OR
RFD	AGL	CHICAGO/ROCKFORD INTL	CHICAGO/ROCKFORD, IL
RHV	AWP	REID-HILLVIEW OF SANTA CLARA COUNTY	SAN JOSE, CA
RME	AEA	GRIFFISS INTL	ROME, NY
RNM	AWP	RAMONA	RAMONA, CA
RNT	ANM	RENTON MUNI	RENTON, WA
ROA	AEA	ROANOKE RGNL/WOODRUM FIELD	ROANOKE, VA
ROG	ASW	ROGERS MUNI-CARTER FIELD	ROGERS, AR
ROW	ASW	ROSWELL INTL AIR CENTER	ROSWELL, NM
RST	AGL	ROCHESTER INTL	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 INTL	MARQUETTE, MI
SBN	AGL	SOUTH BEND RGNL	SOUTH BEND, IN
SBP	AWP	SAN LUIS COUNTY RGNL	SAN LUIS OBISPO, CA
SBY	AEA	SALISBURY-OCEAN CITY WICOMICO RGNL	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 RGNL	SHREVEPORT, LA
SIG	ASO	FERNANDO LUIS RIBAS DOMINICCI	SAN JUAN, PR
SJT	ASW	SAN ANGELO RGNL/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	ABRAHAM LINCOLN CAPITAL	SPRINGFIELD, IL
SQL	AWP	SAN CARLOS	SAN CARLOS, CA
SSF	ASW	STINSON MUNI	SAN ANTONIO, TX
STC	AGL	ST CLOUD RGNL	ST CLOUD, MN
STJ	ACE	ROSECRANS MEMORIAL	ST JOSEPH, MO
STP	AGL	ST PAUL DOWNTOWN HOLMAN FLD	ST PAUL, MN

**Table B-4.
List of Non-Hub Towers**

Location Identifier	Region	Airport Name	City, State
STS	AWP	CHARLES M. SCHULZ - 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 INTL	NEWBURGH, NY
SWO	ASW	STILLWATER RGNL	STILLWATER, OK
TCL	ASO	TUSCALOOSA RGNL	TUSCALOOSA, AL
TEB	AEA	TETERBORO	TETERBORO, NJ
TIW	ANM	TACOMA NARROWS	TACOMA, WA
TIX	ASO	SPACE COAST RGNL	TITUSVILLE, FL
TKI	ASW	COLLIN COUNTY RGNL AT MC KINNEY	DALLAS, 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
TWF	ANM	JOSLIN FIELD - MAGIC VALLEY RGNL	TWIN FALLS, ID
TXK	ASW	TEXARKANA RGNL-WEBB FIELD	TEXARKANA, AR
TYR	ASW	TYLER POUNDS RGNL	TYLER, TX
TZR	AGL	BOLTON FIELD	COLUMBUS, OH
UES	AGL	WAUKESHA COUNTY	WAUKESHA, WI
UGN	AGL	WAUKEGAN RGNL	CHICAGO/WAUKEGAN, IL
VBG	AWP	VANDENBERG AFB	LOMPOC , CA
VCT	ASW	VICTORIA RGNL	VICTORIA, TX
VCV	AWP	SOUTHERN CALIFORNIA LOGISTICS	VICTORVILLE, CA
VGT	AWP	NORTH LAS VEGAS	LAS VEGAS, NV
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
XFL	ASO	FLAGLER COUNTY	PALM COAST, FL
YIP	AGL	WILLOW RUN	DETROIT, MI
YKM	ANM	YAKIMA AIR TERMINAL/MCALLISTER FIELD	YAKIMA, WA
YNG	AGL	YOUNGSTOWN-WARREN RGNL	YOUNGSTOWN/WARREN, OH

Listed 372 Airports.

**Table B-5.
List of FAA Contract Towers**

Location Identifier	Region	Airport Name	City, State
ABY	ASO	SOUTHWEST GEORGIA RGNL	ALBANY, GA
ADM	ASW	ARDMORE MUNI	ARDMORE, OK
ADQ	AAL	KODIAK	KODIAK, AK
AEG	ASW	DOUBLE EAGLE II	ALBUQUERQUE, NM
AEX	ASW	ALEXANDRIA INTL	ALEXANDRIA, LA
AHN	ASO	ATHENS/BEN EPPS	ATHENS, GA
AKN	AAL	KING SALMON	KING SALMON, AK
ALN	AGL	ST LOUIS RGNL	ALTON/ST LOUIS, IL
ALW	ANM	WALLA WALLA RGNL	WALLA WALLA, WA
ANE	AGL	ANOKA COUNTY-BLAINE ARPT(JANES FIELD)	MINNEAPOLIS, MN
APF	ASO	NAPLES MUNI	NAPLES, FL
ARA	ASW	ACADIANA RGNL	NEW IBERIA, LA
ASG	ASW	SPRINGDALE MUNI	SPRINGDALE, AR
ASH	ANE	BOIRE FIELD	NASHUA, NH
ATW	AGL	OUTAGAMIE COUNTY RGNL	APPLETON, WI
BAF	ANE	BARNES MUNI	WESTFIELD/SPRINGFIELD, MA
BAK	AGL	COLUMBUS MUNI	COLUMBUS, IN
BBG	ACE	BRANSON	BRANSON, MO
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 RGNL ARPT AT BLOOMINGTON-NORMAL	BLOOMINGTON/NORMAL, IL
BQN	ASO	RAFAEL HERNANDEZ	AGUADILLA, PR
BRO	ASW	BROWNSVILLE/SOUTH PADRE ISLAND INTL	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 RGNL	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
CXO	ASW	LONE STAR EXECUTIVE	HOUSTON , TX
CXY	AEA	CAPITAL CITY	HARRISBURG, PA
CYS	ANM	CHEYENNE RGNL/JERRY OLSON FIELD	CHEYENNE, WY
DBQ	ACE	DUBUQUE RGNL	DUBUQUE, IA
DEC	AGL	DECATUR	DECATUR, IL
DET	AGL	COLEMAN A. YOUNG MUNI	DETROIT, MI
DHN	ASO	DOTHAN RGNL	DOTHAN, AL
DTN	ASW	SHREVEPORT DOWNTOWN	SHREVEPORT, LA

**Table B-5.
List of FAA Contract Towers**

Location Identifier	Region	Airport Name	City, State
DTO	ASW	DENTON MUNI	DENTON, TX
DXR	ANE	DANBURY MUNI	DANBURY, CT
EAU	AGL	CHIPPEWA VALLEY RGNL	EAU CLAIRE, WI
ECP	ASO	Northwest Florida - Panama City Intl	PANAMA CITY, FL
EGE	ANM	EAGLE COUNTY RGNL	EAGLE, CO
ENA	AAL	KENAI MUNI	KENAI, AK
ENW	AGL	KENOSHA RGNL	KENOSHA, WI
ESN	AEA	EASTON/NEWMAN FIELD	EASTON, MD
EVB	ASO	NEW SMYRNA BEACH MUNI	NEW SMYRNA BEACH, FL
EWB	ANE	NEW BEDFORD RGNL	NEW BEDFORD, MA
EWN	ASO	COASTAL CAROLINA REGIONAL	NEW BERN, NC
EYW	ASO	KEY WEST INTL	KEY WEST, FL
FLG	AWP	FLAGSTAFF PULLIAM	FLAGSTAFF, AZ
FMN	ASW	FOUR CORNERS RGNL	FARMINGTON, NM
FMY	ASO	PAGE FIELD	FORT MYERS, FL
FOE	ACE	FORBES FIELD	TOPEKA, KS
FOK	AEA	FRANCIS S GABRESKI	WESTHAMPTON BEACH, NY
FTG	ANM	FRONT RANGE	DENVER, CO
FTY	ASO	FULTON COUNTY AIRPORT-BROWN FIELD	ATLANTA, GA
FUL	AWP	FULLERTON MUNI	FULLERTON, CA
FWS	ASW	FORT WORTH SPIKES	FORT WORTH, TX
FYV	ASW	DRAKE FIELD	FAYETTEVILLE, AR
GCK	ACE	GARDEN CITY RGNL	GARDEN CITY, KS
GEU	AWP	GLENDALE MUNI	GLENDALE, AZ
GJT	ANM	GRAND JUNCTION REGIONAL	GRAND JUNCTION, CO
GKY	ASW	ARLINGTON MUNI	ARLINGTON, TX
GLH	ASO	MID DELTA RGNL	GREENVILLE, MS
GLS	ASW	SCHOLES INTL AT GALVESTON	GALVESTON, TX
GMU	ASO	GREENVILLE DOWNTOWN	GREENVILLE, SC
GNV	ASO	GAINESVILLE RGNL	GAINESVILLE, FL
GON	ANE	GROTON-NEW LONDON	GROTON (NEW LONDON) , CT
GPI	ANM	GLACIER PARK INTL	KALISPELL , MT
GPM	ASW	GRAND PRAIRIE MUNI	GRAND PRAIRIE, TX
GRI	ACE	CENTRAL NEBRASKA RGNL	GRAND ISLAND, NE
GSN	AWP	FRANCISCO C. ADA/SAIPAN INTL	SAIPAN ISLAND, CQ
GTR	ASO	GOLDEN TRIANGLE RGNL	COLUMBUS/W POINT/STARKVILLE , MS
GTU	ASW	GEORGETOWN MUNI	GEORGETOWN, TX
GUM	AWP	GUAM INTL	AGANA, GU
GYH	ASO	DONALDSON CENTER	GREENVILLE, SC
GYR	AWP	PHOENIX GOODYEAR	GOODYEAR, AZ
GYV	AGL	GARY/CHICAGO INTL	GARY, IN
HFD	ANE	HARTFORD-BRAINARD	HARTFORD, CT
HGR	AEA	HAGERSTOWN RGNL-RICHARD A HENSON FLD	HAGERSTOWN, MD
HHR	AWP	JACK NORTHROP FIELD/HAWTHORNE MUNI	HAWTHORNE, CA
HKS	ASO	HAWKINS FIELD	JACKSON, MS
HKY	ASO	HICKORY RGNL	HICKORY, NC
HLG	AEA	WHEELING OHIO CO	WHEELING, WV
HND	AWP	HENDERSON EXECUTIVE	LAS VEGAS, NV
HOB	ASW	LEA COUNTY RGNL	HOBBS, NM
HRL	ASW	VALLEY INTL	HARLINGEN, TX

**Table B-5.
List of FAA Contract Towers**

Location Identifier	Region	Airport Name	City, State
HSA	ASO	STENNIS INTL	BAY ST LOUIS, MS
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 INTL	BULLHEAD CITY, AZ
INT	ASO	SMITH REYNOLDS	WINSTON SALEM, NC
IPT	AEA	WILLIAMSPORT RGNL	WILLIAMSPORT, PA
ISM	ASO	KISSIMEE GATEWAY	ORLANDO, FL
ISO	ASO	KINSTON RGNL JETPORT AT STALLINGS FLD	KINSTON, NC
ITH	AEA	ITHACA TOMPKINS RGNL	ITHACA, NY
IWA	AWP	PHOENIX-MESA GATEWAY	PHOENIX, AZ
IXD	ACE	NEW CENTURY AIRCENTER	OLATHE, KS
JAC	ANM	JACKSON HOLE	JACKSON, WY
JEF	ACE	JEFFERSON CITY MEMORIAL	JEFFERSON CITY, MO
JLN	ACE	JOPLIN RGNL	JOPLIN, MO
JQF	ASO	CONCORD RGNL	CONCORD, NC
JRF	AWP	KALAELOA (JOHN RODGERS FIELD)	KAPOLEI, HI
JVL	AGL	SOUTHERN WISCONSIN RGNL	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 RGNL	LAWTON, OK
LBE	AEA	ARNOLD PALMER RGNL	LATROBE, PA
LEB	ANE	LEBANON MUNI	LEBANON, NH
LEE	ASO	LEESBURG INTL	LEESBURG, FL
LIH	AWP	LIHUE	LIHUE, HI
LMT	ANM	KLAMATH FALLS	KLAMATH FALLS, OR
LNS	AEA	LANCASTER	LANCASTER, PA
LRD	ASW	LAREDO INTL	LAREDO, TX
LSE	AGL	LA CROSSE MUNI	LA CROSSE, WI
LUK	AGL	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 RGNL/PRESTON GLENN FLD	LYNCHBURG, VA
LZU	ASO	GWINNETT COUNTY - BRISCOE FIELD	LAWRENCEVILLE, GA
MCN	ASO	MIDDLE GEORGIA RGNL	MACON, GA
MDH	AGL	SOUTHERN ILLINOIS	CARBONDALE/MURPHYSBORO, IL
MEI	ASO	KEY FIELD	MERIDIAN, MS
MER	AWP	CASTLE	MERCED, CA
MFE	ASW	MC ALLEN MILLER INTL	MC ALLEN, TX
MFR	ANM	ROGUE VALLEY INTL - 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

**Table B-5.
List of FAA Contract Towers**

Location Identifier	Region	Airport Name	City, State
MIE	AGL	DELAWARE COUNTY - JOHNSON FIELD	MUNCIE, IN
MKK	AWP	MOLOKAI	KAUNAKAKAI, HI
MKL	ASO	MC KELLAR-SIPES RGNL	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 INTL	MISSOULA, MT
MTN	AEA	MARTIN STATE	BALTIMORE, MD
MVY	ANE	MARTHAS VINEYARD	VINEYARD HAVEN, MA
MWA	AGL	WILLIAMSON COUNTY RGNL	MARION, IL
MWC	AGL	LAWRENCE J TIMMERMAN	MILWAUKEE, WI
NQA	ASO	MILLINGTON RGNL JETPORT	MILLINGTON, TN
OCF	ASO	OCALA INTL-JIM TAYLOR FIELD	OCALA, FL
OGD	ANM	OGDEN-HINCKLEY	OGDEN, UT
OJC	ACE	JOHNSON COUNTY EXECUTIVE	OLATHE, KS
OLM	ANM	OLYMPIA RGNL	OLYMPIA, WA
OLV	ASO	OLIVE BRANCH	OLIVE BRANCH, MS
OMN	ASO	ORMOND BEACH MUNI	ORMOND BEACH, FL
OPF	ASO	OPA- LOCKA EXECUTIVE	MIAMI, FL
ORH	ANE	WORCESTER RGNL	WORCESTER, MA
OSH	AGL	WITTMAN RGNL	OSHKOSH, WI
OSU	AGL	OHIO STATE UNIVERSITY	COLUMBUS, OH
OTH	ANM	SOUTHWEST OREGON RGNL	NORTH BEND, OR
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 RGNL	PADUCAH, KY
PDT	ANM	EASTERN OREGON RGNL AT PENDLETON	PENDLETON, OR
PIH	ANM	POCATELLO RGNL	POCATELLO, ID
PKB	AEA	MID-OHIO VALLEY RGNL	PARKERSBURG, WV
PMD	AWP	PALMDALE RGNL/USAF PLANT 42	PALMDALE, CA
PMP	ASO	POMPANO BEACH AIRPARK	POMPANO BEACH, FL
PVU	ANM	PROVO MUNI	PROVO, UT
PWA	ASW	WILEY POST	OKLAHOMA CITY, OK
RAL	AWP	RIVERSIDE MUNI	RIVERSIDE, CA
RAP	AGL	RAPID CITY RGNL	RAPID CITY, SD
RBD	ASW	DALLAS EXECUTIVE	DALLAS, TX
RDD	AWP	REDDING MUNI	REDDING, CA
RDM	ANM	ROBERTS FIELD	REDMOND, OR
RME	AEA	GRIFFISS INTL	ROME, NY
RNM	AWP	RAMONA	RAMONA, CA
RNT	ANM	RENTON MUNI	RENTON, WA
ROG	ASW	ROGERS MUNI-CARTER FIELD	ROGERS, AR
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

**Table B-5.
List of FAA Contract Towers**

Location Identifier	Region	Airport Name	City, State
SAW	AGL	SAWYER INTL	MARQUETTE, MI
SBP	AWP	SAN LUIS COUNTY RGNL	SAN LUIS OBISPO, CA
SBY	AEA	SALISBURY-OCEAN CITY WICOMICO RGNL	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 RGNL/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 RGNL	ST CLOUD, MN
STJ	ACE	ROSECRANS MEMORIAL	ST JOSEPH, MO
STX	ASO	HENRY E ROHLSSEN	CHRISTIANSTED, VI
SUA	ASO	WITHAM FIELD	STUART, FL
SUN	ANM	FRIEDMAN MEMORIAL	HAILEY, ID
SWF	AEA	STEWART INTL	NEWBURGH, NY
SWO	ASW	STILLWATER RGNL	STILLWATER, OK
TCL	ASO	TUSCALOOSA RGNL	TUSCALOOSA, AL
TIW	ANM	TACOMA NARROWS	TACOMA, WA
TIX	ASO	SPACE COAST RGNL	TITUSVILLE, FL
TKI	ASW	COLLIN COUNTY RGNL AT MC KINNEY	DALLAS, 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
TXK	ASW	TEXARKANA RGNL-WEBB FIELD	TEXARKANA, AR
TYR	ASW	TYLER POUNDS RGNL	TYLER, TX
TZR	AGL	BOLTON FIELD	COLUMBUS, OH
UES	AGL	WAUKESHA COUNTY	WAUKESHA, WI
UGN	AGL	WAUKEGAN RGNL	CHICAGO/WAUKEGAN, IL
VBG	AWP	VANDENBERG AFB	LOMPOC , CA
VCT	ASW	VICTORIA RGNL	VICTORIA, TX
VCV	AWP	SOUTHERN CALIFORNIA LOGISTICS	VICTORVILLE, CA
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
XFL	ASO	FLAGLER COUNTY	PALM COAST, FL
XNA	ASW	NORTHWEST ARKANSAS RGNL	FAYETTEVILLE/SPRINGDALE/, AR
YKM	ANM	YAKIMA AIR TERMINAL/MCALLISTER FIELD	YAKIMA, WA

Listed 246 Airports.