Terminal Area Forecast Summary
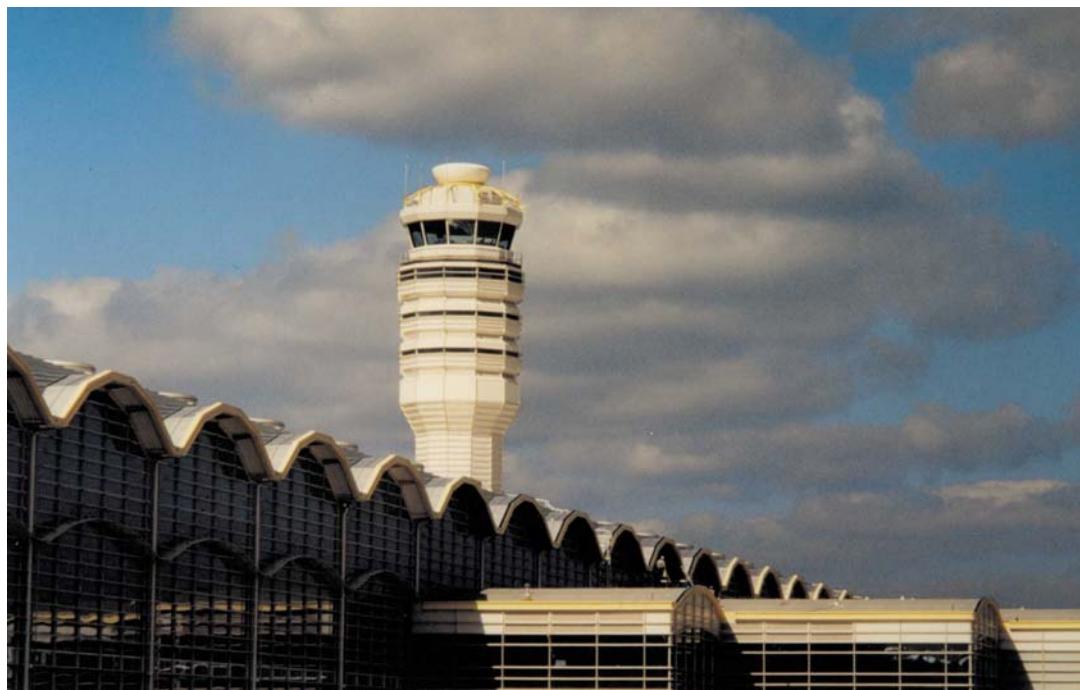
Fiscal Years
2003-2020

March 2004

U.S. Department of Transportation
Federal Aviation Administration
FAA-APO-04-1

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 forecasts include the impact of the terrorist events of September 11, 2001 as well as the ongoing structural changes occurring within the aviation industry.

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 2003-2014 (March 2003)*. The final TAF considers the forecasts and assumptions contained in *FAA Aerospace Forecasts, Fiscal Years 2004-2015 (March 2004)*. The tables for the national forecasts can be found at http://apo.faa.gov/pubs.asp.

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 2002) and forecast (2003 to 2020) 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.

Robert L. Bowles
Manager, Statistics and Forecast Branch
Office of Aviation Policy and Plans

Acknowledgments

Table of Contents

Summary Historical and Forecast Highlights

- A total of 630.2 million passengers were enplaned at U.S. airports in 2002; FAA and Federal contract towered airports accounted for 627.0 million enplanements.

- The top 100 air carrier airports accounted for 595.5 million enplanements in 2002, or 95 percent of total enplanements at FAA and contract towered airports.

- FAA towers handled 48.6 million operations (takeoffs and landings) in 2002, including 22.5 million commercial aircraft operations.

- Towers operated under Federal contract by FAA handled 16.7 million operations in 2002, including 1.8 million commercial operations.

- The 35 Operational Evolution Plan (OEP) airports enplaned 462.7 million passengers in 2002. These airports are projected to enplane 833.3 million passengers in 2020, an 80.1 percent increase over the forecast period (or 3.3 percent annually).

- The 31 large hub airports[1] enplaned 439.0 million passengers in 2002. These airports are projected to enplane 793.4 million passengers in 2020, an 80.7 percent increase over the 18-year period (or 3.3 percent annually).

- The 37 medium hub airports[2] recorded 124.6 million enplanements in 2002. These airports are projected to enplane 213.7 million passengers in 2020, a 71.5 percent increase over the 18-year period (or 3.0 percent annually).

- Atlanta (36.4 million enplanements), Chicago O'Hare (31.0 million), Los Angeles (26.3 million), Dallas/Ft.Worth (24.4 million), and Phoenix (16.8 million) led U.S. commercial airports in passenger enplanements, accounting for 21.4 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 67.8 million enplaned passengers in 2020. Chicago O'Hare is projected to enplane 58.4 million passengers in 2020, followed by Los Angeles with 47.9 million enplanements.

- Enplanements at Washington Dulles, Chicago Midway, and Minneapolis-St. Paul airports are projected to grow fastest among large hub airports. The annual growth rates at these airports are forecast to increase by 5.3, 4.7, and 4.3 percent per year, respectively, over the forecast period.

- In terms of total operations, Chicago O'Hare was the busiest U.S. airport in 2002 with 901,000 aircraft operations. Atlanta and Dallas/Ft. Worth were the second and third busiest airports with 882,000 and 762,000 operations, respectively.

- By 2020, Atlanta is expected to lead the nation in total operations with a projected 1.5 million operations. Chicago O'Hare (1.4 million operations) is projected to

---

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

1

drop into second place with Dallas/Ft. Worth (1.3 million operations) remaining in third place.

- The FAA's Southern region airports enplaned more passengers than any other region with 143.6 million passengers in 2002, or 23 percent of U.S. enplanements. The Western Pacific region followed with 129.1 million enplanements, or 20 percent of the total.

- The Southern region is expected to maintain its lead in passenger enplanements, reaching 253.8 million by 2020.   The Western Pacific region is projected to

remain in second place with 230.2 million enplanements.

- The Southern region also led all FAA regions in the number of aircraft operations with 26.0 million in 2002. The Southern region is expected to remain first in 2020 with 30.3 million operations. The Great Lakes and Western Pacific regions ran second and third in aircraft operations in 2002 with 20.7 and 20.3 million, respectively. In 2020, the Western Pacific region is projected to move into second place with 24.4 million operations and the Great Lakes region is projected to drop to third place with 23.4 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, 218 Federal contract tower airports, 180 radar approach control facilities, and 2,976 non-FAA airports. 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.

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 future airport improvements.

Data presented in the TAF show historical information from 1976 through 2002 and forecasts for 2003 to 2020. [3] The forecasts include the impact of the terrorist events of September 11, 2001 and the ongoing structural changes occurring within the aviation industry.

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)* for air carriers and commuters;
- ◆ **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.

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 employs 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

---

[3] Operations data for FAA towers and Federal contract towers for 2003 are actual.

FAA-approved airport master plan forecasts, when FAA forecast staff concludes that the methods used to develop these forecasts are acceptable.

In addition, the 35 Operational Evolution Plan (OEP) airports as well as 8 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, employment, etc.) 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 aircraft operating out of the airport. The recent substantial changes 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 often 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 commuter passenger service, the TAF corresponds to prevailing local and national trends. For non-FAA facilities, which rely solely on Form 5010 data for general 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 commuter airline to initiate new service.

Summary statistics presented in the TAF differ marginally from the national totals contained in *FAA Aerospace Forecasts: Fiscal Years 2004-2015 (March 2004)*. 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 passenger and aircraft activity, 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 (DOT) T-3 and T-100 databases. Commuter 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 2003 for FAA and Federal contract tower airports. Enplanement data for fiscal year 2003 are estimates. Appendix A contains a detailed description of each TAF data element.

---

[4] In October 2002, DOT began collecting data for all airlines using the T-100 format. This change provides more detail on commuter and 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 its 2000 level of commercial operations. (FAA has designated the OEP airports as those airports most important to the commercial capacity of the national airspace system.)

35 OEP Airports by Year Level of Commercial Operations Returns to 2000 Level			
Airport	**Year**	**Airport**	**Year**
FLL	2001	PHL	2005
LAS	2001	PHX	2005
MEM	2001	BWI	2006
MDW	2002	MCO	2008
MSP	2002	HNL	2009
SLC	2002	JFK	2009
CVG	2003	PDX	2010
LGA	2003	SFO	2011
ORD	2003	IAD	2012
ATL	2004	SEA	2012
CLT	2004	TPA	2012
DEN	2004	LAX	2013
DTW	2004	PIT	2013
IAH	2004	MIA	2015
SAN	2004	BOS	2020
DCA	2005	CLE	after 2020
DFW	2005	STL	after 2020
EWR	2005		

The aviation industry downturn has resulted in significant structural changes that have affected several large hubs. For instance, US Airways and American Airlines have pulled down their respective hubs in Pittsburgh and St. Louis. Forty-three percent of the OEP airports are projected to return to their 2000 level after 2005. In two cases, Cleveland 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 contained in *FAA Aerospace Forecasts Fiscal Years 2004 – 2015 (March 2004)* show aircraft operations at FAA tower airports 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, 2.8 percent; air taxi/commuter, 2.8 percent; and general aviation, 1.2 percent. The projected average annual rate of increase for enplanements on U.S. air carriers from the national forecast is 3.8 percent over the 12-year forecast period. Regional/commuter enplanements are projected to increase 6.3 percent annually.

Data Summary and Comparisons

In fiscal year 2002, the FAA served 266 towers and 218 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.

The 31 large hub airports enplaned 439.0 million passengers in 2002 while the 37 medium and 68 small hub airports enplaned 124.6 and 46.8 million passengers, respectively. The 348 non-hub airports enplaned 16.5 million passengers. Table S-5 presents passenger enplanements and airport operations by hub size. 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.

Operations at large hub airports totaled 13.9 million compared to levels of 7.7 and 8.5 million at medium and small hub airports, respectively.

Operations at large hub airports are forecast to increase 48 percent from 2002 to 2020, growing to 20.6 million. Operations at all FAA and Federal contract tower airports are projected to increase from 65.3 to 82.0 million, an increase of 26 percent.

Non-hub airports accounted for 35.2 million operations or 54 percent of total operations at FAA and Federal contract towers. General aviation aircraft operations accounted for the majority of operations at these smaller airports.

Tables S-6 through S-11 summarize aircraft operations, enplanements, and based aircraft by region from 1998 through 2020. The Southern (26.0 million operations), Great Lakes (20.7 million), and Western Pacific (20.3 million) regions ranked as the top three FAA regions in airport operations in 2002. Operations for all TAF airports totaled 122.6 million. The Northwest Mountain and Southwest regions are projected to be the fastest growing FAA regions from 2002 to 2020 in terms of airport operations, increasing 25 percent and 21 percent, respectively.

The Southern region led FAA regions in passengers enplaned with 143.6 million in 2002, followed by the Western Pacific region with 129.1 million passengers. Enplanements in the Great Lakes region are projected to increase the most in percentage terms increasing 89 percent from 2002 to 2020. Enplanements in the Eastern and Western Pacific regions are projected to increase the next fastest over the forecast period with each region increasing 78 percent.

In 2002, there was a national total of 196.9 thousand based aircraft. Western Pacific (38.1 thousand aircraft), Southern (34.3 thousand), and Great Lakes (33.3 thousand) ranked as the top 3 FAA regions.

Large, Medium, and Small Hubs

This section reports historical data and forecast aviation activity summaries for the nation's hub airports. 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.

Table S-5 shows enplanements and operations for FAA towered airports by hub size. Enplanements at large hubs are expected to increase at an annual rate of 3.3 percent over the 2002 to 2020 forecast period. Medium and small hub airports are forecast to increase 3.0 percent and 2.5 percent annually, respectively, during the forecast period.

Forecasts

Table S-1 presents enplanement forecast summaries for large hub airports. Atlanta was the busiest airport in 2002 (36.4 million enplanements), followed by Chicago O'Hare (31.0 million), Los Angeles (26.3 million), and Dallas/Ft. Worth (24.4 million). Dallas/Ft. Worth and Chicago O'Hare are forecasted to have the strongest growth in enplanements among the top 4 airports, increasing at annual rates of 3.7 percent and 3.6 percent, respectively, over the 2002 to 2020 forecast period. Atlanta is forecast to increase at an annual rate of 3.5 percent and Los Angeles at 3.4 percent. Graph S-1 shows relative enplanements growth over the next 18 years. The five airports with the fastest projected increase are Washington Dulles, Chicago Midway, Minneapolis-St. Paul, Ft. Lauderdale, and John F. Kennedy.

Washington Dulles and Chicago Midway are projected to make the largest upward movements in ranking of enplanements. Washington Dulles moves up from 27th to 18th and Chicago Midway moves up from 30th to 23rd position. Hub airports with the largest drop in hub rankings are St. Louis (from 17th to 30th) and Pittsburgh (from 24th to 31st).

Table S-2 presents operations forecast summaries for the 31 large hub airports. In 2002, FAA controllers at Chicago O'Hare handled 901,000 landings and takeoffs, a workload slightly higher than Atlanta, which totaled 882,000 operations. The next busiest airports were Dallas/Ft. Worth and Los Angeles with 762,000 and 637,000 airport operations, respectively.

In 2020, Atlanta is projected to have the largest number of operations with 1.5 million followed by Chicago O'Hare with 1.4 million. Dallas/Ft. Worth is projected to remain in 3rd place in 2020 with 1.3 million operations.

Graph S-2 shows that the three airports projected to grow the fastest in operations are Houston Intercontinental, Minneapolis-St.Paul, and Atlanta. Houston Intercontinental is expected to move into the list of the top 10 busiest airports replacing Las Vegas.

The 37 medium hubs enplaned 124.6 million passengers in 2002. Enplanements at these airports are forecast to increase 3.0 percent annually over the forecast period. At the 68 small hubs, enplanements are projected to grow 2.5 percent per year.

Operations at the medium hubs are forecast to rise at an annual rate of 1.8 percent from 2002 to 2020; aircraft operations at small hub airports are forecast to grow only 0.8 percent per year.

Table S-1.
Enplanements At Large Hub Airports*
(In Thousands)

Loc ID	Reg	Airport Name	2002	2002** Percent	2003	2007	2020	Airport Ranking 2002	2020
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	36,377	5.77	38,829	45,239	67,772	1	1
ORD	AGL	CHICAGO O'HARE INTL	31,036	4.92	32,717	41,176	58,395	2	2
LAX	AWP	LOS ANGELES INTL	26,262	4.17	26,298	31,793	47,919	3	3
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	24,415	3.87	24,914	30,337	46,970	4	4
PHX	AWP	PHOENIX SKY HARBOR INTL	16,816	2.67	18,239	21,001	29,774	5	8
DEN	ANM	DENVER INTL	16,517	2.62	17,533	21,728	32,536	6	6
LAS	AWP	MC CARRAN INTL	15,987	2.54	16,602	19,933	28,986	7	10
IAH	ASW	GEORGE BUSH INTERCONTINENTAL	15,888	2.52	16,033	19,502	29,933	8	7
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	15,351	2.44	16,120	20,934	32,959	9	5
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	15,166	2.41	15,630	19,576	29,276	10	9
SFO	AWP	SAN FRANCISCO INTERNATIONAL	14,722	2.34	14,023	18,145	25,814	11	13
EWR	AEA	NEWARK LIBERTY INTL	14,297	2.27	14,582	17,741	26,183	12	12
MIA	ASO	MIAMI INTL	14,262	2.26	14,226	16,074	21,820	13	16
JFK	AEA	JOHN F KENNEDY INTL	13,963	2.22	15,582	18,490	27,993	14	11
SEA	ANM	SEATTLE-TACOMA INTL	13,092	2.08	13,251	15,059	21,265	15	17
MCO	ASO	ORLANDO INTL	12,710	2.02	13,313	15,842	23,791	16	14
STL	ACE	LAMBERT-ST LOUIS INTL	12,404	1.97	11,065	8,065	10,822	17	30
PHL	AEA	PHILADELPHIA INTL	11,649	1.85	11,969	15,449	23,286	18	15
CLT	ASO	CHARLOTTE/DOUGLAS INTL	11,591	1.84	11,258	13,888	19,591	19	20
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	10,731	1.70	10,856	12,809	17,814	20	21
LGA	AEA	LA GUARDIA	10,490	1.66	11,155	12,481	15,391	21	25
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	10,039	1.59	10,612	12,679	19,760	22	19
BWI	AEA	BALTIMORE-WASHINGTON INTL	9,483	1.50	9,405	11,336	17,221	23	22
PIT	AEA	PITTSBURGH INTERNATIONAL	9,304	1.48	7,264	7,902	10,797	24	31
HNL	AWP	HONOLULU INTL	9,108	1.45	9,190	10,178	13,430	25	27
SLC	ANM	SALT LAKE CITY INTL	8,938	1.42	8,976	9,878	14,787	26	26
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	8,075	1.28	8,020	10,802	20,461	27	18
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	7,968	1.26	8,267	10,175	16,675	28	24
TPA	ASO	TAMPA INTL	7,563	1.20	7,571	8,443	12,241	29	29
MDW	AGL	CHICAGO MIDWAY INTL	7,551	1.20	8,393	10,752	17,136	30	23
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	7,257	1.15	7,396	8,894	12,628	31	28

* This selection of airports includes major air carrier airports where total enplanements equal 1 percent or more of the national total. This selection is based on 2002 enplanements.
**Percent of total enplanements.

Graph S-1. Enplanements Growth Rates For Large Hub Airports - 2002 to 2020

Annual Growth Rate

IAD MSP JFK DEN DTW IAH MCO EWR PHX SAN BOS SEA MIA LGA STL
MDW FLL PHL CVG DFW ORD ATL LAX LAS SFO CLT SLC TPA HNL PIT
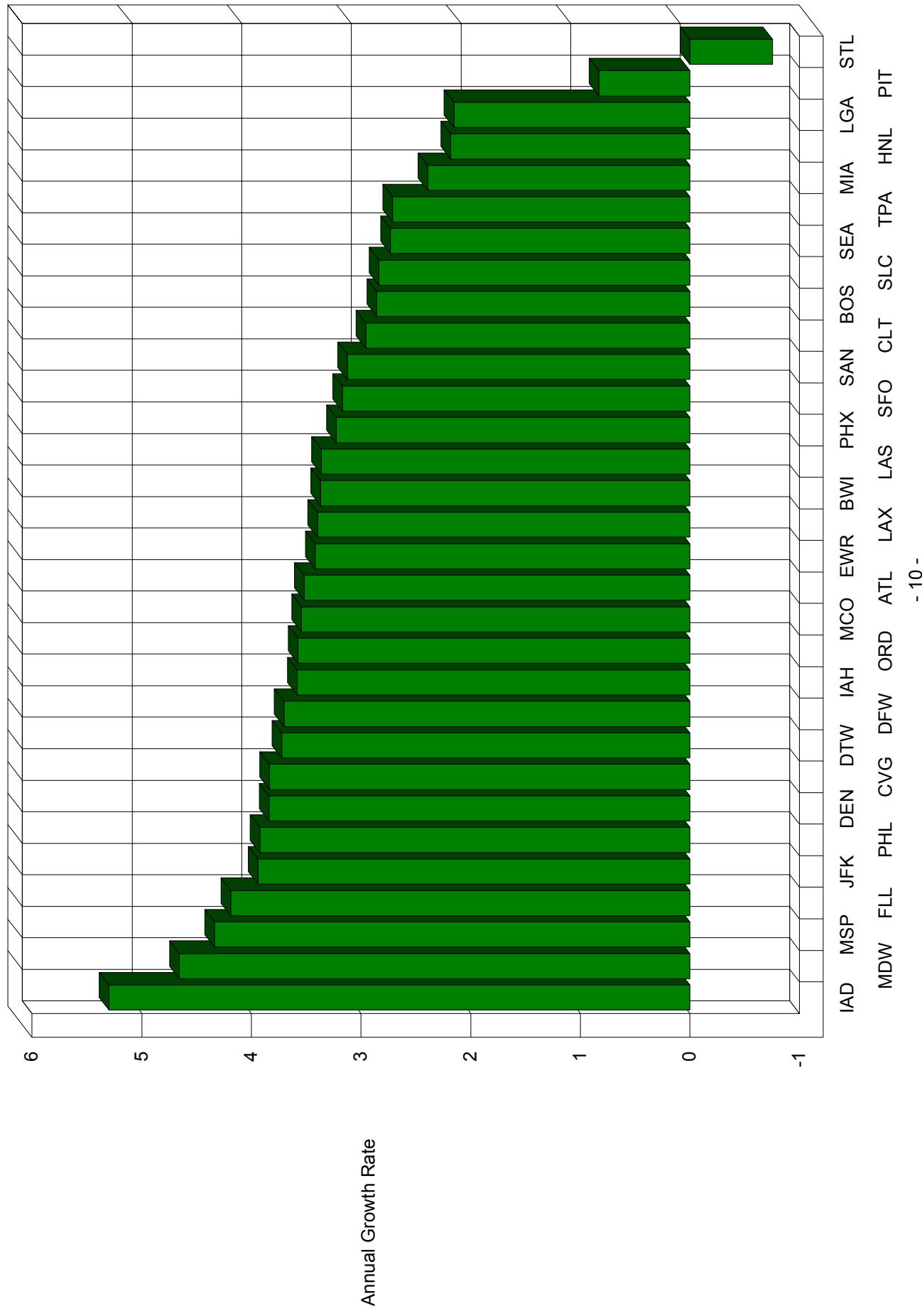
Table S-2.
Airport Operations At Large Hub Airports*
(In Thousands)

Loc ID	Reg	Airport Name	2002	2002** Percent	2003	2007	2020	Airport Ranking 2002	2020
ORD	AGL	CHICAGO O'HARE INTL	901	0.74	923	1,169	1,414	1	2
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	882	0.72	895	1,090	1,478	2	1
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	762	0.62	769	926	1,256	3	3
LAX	AWP	LOS ANGELES INTL	637	0.52	630	719	951	4	4
PHX	AWP	PHOENIX SKY HARBOR INTL	577	0.47	594	652	834	5	6
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	497	0.41	506	625	851	6	5
DEN	ANM	DENVER INTL	495	0.40	508	634	819	7	7
LAS	AWP	MC CARRAN INTL	491	0.40	501	597	759	8	11
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	490	0.40	491	588	777	9	10
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	473	0.39	496	593	788	10	9
PHL	AEA	PHILADELPHIA INTL	467	0.38	448	537	674	11	12
CLT	ASO	CHARLOTTE/DOUGLAS INTL	465	0.38	438	518	621	12	15
IAH	ASW	GEORGE BUSH INTERCONTINENTAL	458	0.37	469	579	795	13	8
STL	ACE	LAMBERT-ST LOUIS INTL	453	0.37	420	343	398	14	28
MIA	ASO	MIAMI INTL	442	0.36	422	453	527	15	18
PIT	AEA	PITTSBURGH INTERNATIONAL	439	0.36	366	405	519	16	19
EWR	AEA	NEWARK LIBERTY INTL	407	0.33	407	501	636	17	14
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	405	0.33	381	422	503	18	21
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	401	0.33	368	452	668	19	13
SLC	ANM	SALT LAKE CITY INTL	401	0.33	400	474	620	20	16
SEA	ANM	SEATTLE-TACOMA INTL	361	0.30	355	405	529	21	17
LGA	AEA	LA GUARDIA	354	0.29	376	405	405	22	27
SFO	AWP	SAN FRANCISCO INTERNATIONAL	350	0.29	335	405	515	23	20
HNL	AWP	HONOLULU INTL	316	0.26	310	337	413	24	26
BWI	AEA	BALTIMORE-WASHINGTON INTL	310	0.25	295	339	445	25	24
MCO	ASO	ORLANDO INTL	303	0.25	296	355	472	26	22
MDW	AGL	CHICAGO MIDWAY INTL	293	0.24	321	338	358	27	29
JFK	AEA	JOHN F KENNEDY INTL	291	0.24	294	346	468	28	23
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	275	0.22	283	336	443	29	25
TPA	ASO	TAMPA INTL	245	0.20	232	254	307	30	30
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	201	0.16	206	237	303	31	31

* This selection of airports includes major air carrier airports where total enplanements equal 1 percent or more of the national total. This selection is based on 2002 enplanements.
**Percent of total operations.

Graph S-2. Airport Operations Growth Rates For Large Hub Airports - 2002 to 2020

Annual Growth Rate
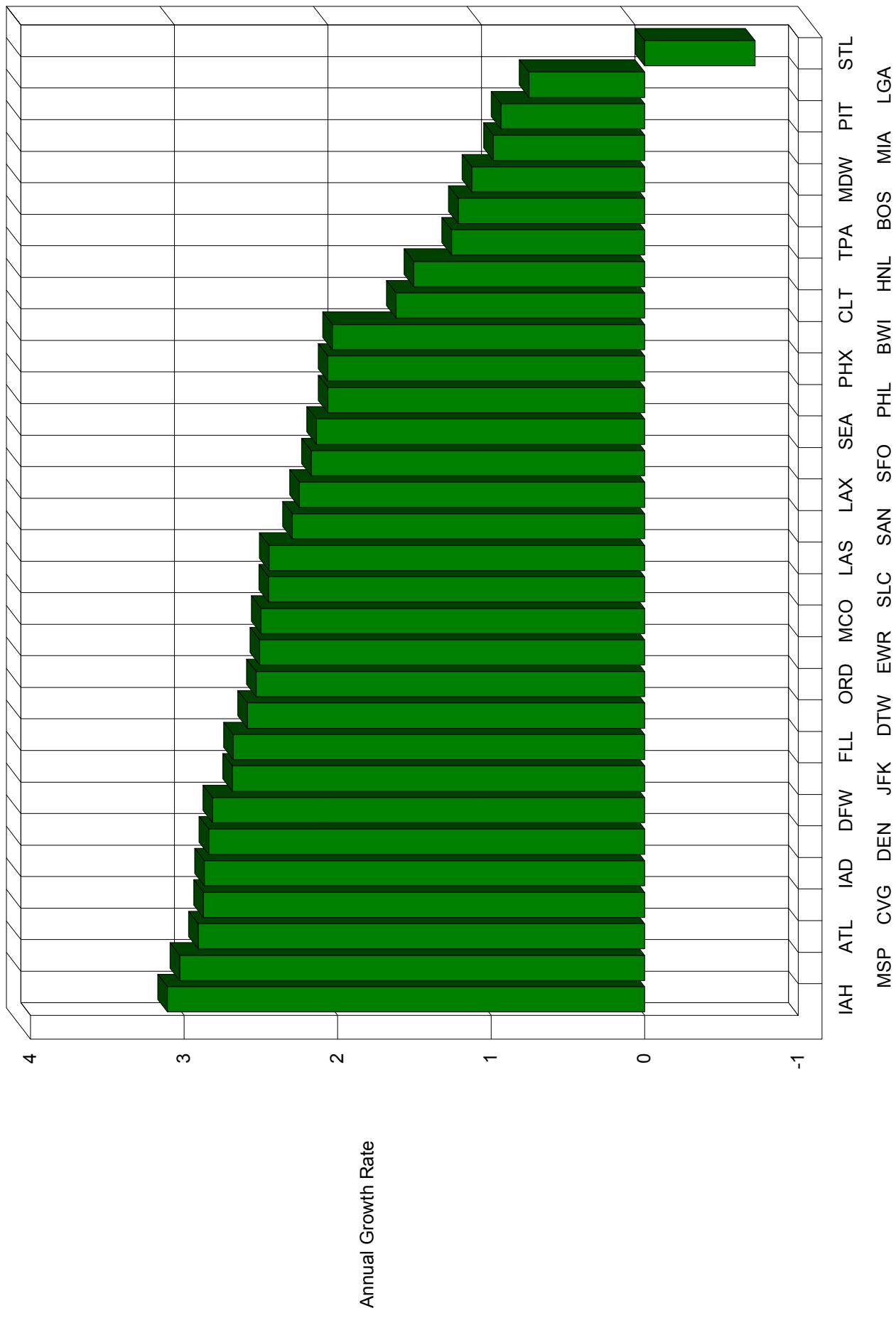
Table S-3.
Air Traffic Control Towers and Contract
Towers by Region and State
As of September 30, 2002

Region/State	FAA Towers	Contract Towers
Alaska		
Alaska	4	4
Regional Total	4	4
Central		
Iowa	4	1
Kansas	1	8
Missouri	5	4
Nebraska	2	1
Regional Total	12	14
Eastern		
District of Columbia	2	0
Delaware	1	0
Maryland	2	3
New Jersey	5	1
New York	12	4
Pennsylvania	9	4
Virginia	5	2
West Virginia	3	4
Regional Total	39	18
Great Lakes		
Illinois	11	6
Indiana	6	4
Michigan	11	4
Minnesota	6	1
North Dakota	3	1
Ohio	7	5
South Dakota	1	1
Wisconsin	3	8
Regional Total	48	30
New England		
Connecticut	1	6
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
Wyoming	1	2
Regional Total	22	25

Region/State	FAA Towers	Contract Towers
Southern		
Alabama	4	3
Florida	18	18
Georgia	5	7
Kentucky	4	2
Mississippi	2	4
North Carolina	6	5
Puerto Rico	1	1
South Carolina	5	2
Tennessee	5	3
Virgin Islands	1	1
Regional Total	51	46
Southwest		
Arkansas	2	4
Louisiana	7	5
New Mexico	2	3
Oklahoma	3	6
Texas	19	13
Regional Total	33	31
Western Pacific		
American Samoa	1	0
Arizona	7	7
California	33	20
Guam	0	1
Hawaii	3	3
Nevada	3	2
South Pacific	1	1
Regional Total	48	34

	FAA Towers	Contract Towers
Grand Total	266	218

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2002

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
1	ATLANTA	GA	ATL	36,377,381	5.77	36,377,381	5.770	862,324	862,324
2	CHICAGO	IL	ORD	31,036,583	4.92	67,413,964	10.69	877,005	1,739,329
3	LOS ANGELES	CA	LAX	26,262,032	4.17	93,675,996	14.86	620,059	2,359,388
4	DALLAS-FORT WORTH	TX	DFW	24,415,967	3.87	118,091,963	18.73	736,966	3,096,354
5	PHOENIX	AZ	PHX	16,816,833	2.67	134,908,796	21.40	478,076	3,574,430
6	DENVER	CO	DEN	16,517,000	2.62	151,425,796	24.02	480,293	4,054,723
7	LAS VEGAS	NV	LAS	15,987,081	2.54	167,412,877	26.56	399,661	4,454,384
8	HOUSTON	TX	IAH	15,888,306	2.52	183,301,183	29.08	435,094	4,889,478
9	MINNEAPOLIS	MN	MSP	15,351,693	2.44	198,652,876	31.52	426,459	5,315,937
10	DETROIT	MI	DTW	15,166,353	2.41	213,819,229	33.93	465,052	5,780,989
11	SAN FRANCISCO	CA	SFO	14,722,632	2.34	228,541,861	36.27	331,088	6,112,077
12	NEWARK	NJ	EWR	14,297,394	2.27	242,839,255	38.54	395,025	6,507,102
13	MIAMI	FL	MIA	14,262,340	2.26	257,101,595	40.80	376,221	6,883,323
14	NEW YORK	NY	JFK	13,963,236	2.22	271,064,831	43.02	283,193	7,166,516
15	SEATTLE	WA	SEA	13,092,774	2.08	284,157,605	45.10	357,944	7,524,460
16	ORLANDO	FL	MCO	12,710,392	2.02	296,867,997	47.12	269,742	7,794,202
17	ST LOUIS	MO	STL	12,404,296	1.97	309,272,293	49.09	426,184	8,220,386
18	PHILADELPHIA	PA	PHL	11,649,324	1.85	320,921,617	50.94	394,388	8,614,774
19	CHARLOTTE	NC	CLT	11,591,516	1.84	332,513,133	52.78	416,466	9,031,240
20	BOSTON	MA	BOS	10,731,523	1.70	343,244,656	54.48	385,320	9,416,560
21	NEW YORK	NY	LGA	10,490,623	1.66	353,735,279	56.14	344,773	9,761,333
22	COVINGTON/CINCINNATI, OH	KY	CVG	10,039,090	1.59	363,774,369	57.73	446,531	10,207,864
23	BALTIMORE	MD	BWI	9,483,542	1.50	373,257,911	59.23	276,386	10,484,250
24	PITTSBURGH	PA	PIT	9,304,145	1.48	382,562,056	60.71	409,492	10,893,742
25	HONOLULU	HI	HNL	9,108,574	1.45	391,670,630	62.16	219,286	11,113,028
26	SALT LAKE CITY	UT	SLC	8,938,546	1.42	400,609,176	63.58	311,233	11,424,261
27	WASHINGTON	DC	IAD	8,075,030	1.28	408,684,206	64.86	319,685	11,743,946
28	FORT LAUDERDALE	FL	FLL	7,968,172	1.26	416,652,378	66.12	211,950	11,955,896
29	TAMPA	FL	TPA	7,563,253	1.20	424,215,631	67.32	203,769	12,159,665
30	CHICAGO	IL	MDW	7,551,934	1.20	431,767,565	68.52	237,213	12,396,878
31	SAN DIEGO	CA	SAN	7,257,285	1.15	439,024,850	69.67	184,988	12,581,866
32	PORTLAND	OR	PDX	5,901,867	0.94	444,926,717	70.61	230,950	12,812,816
33	OAKLAND	CA	OAK	5,802,641	0.92	450,729,358	71.53	199,608	13,012,424
34	KANSAS CITY	MO	MCI	5,288,917	0.84	456,018,275	72.37	185,948	13,198,372
35	CLEVELAND	OH	CLE	5,283,887	0.84	461,302,162	73.21	241,346	13,439,718
36	WASHINGTON	DC	DCA	5,269,065	0.84	466,571,227	74.05	176,007	13,615,725
37	SAN JOSE	CA	SJC	5,196,525	0.82	471,767,752	74.87	158,648	13,774,373
38	SAN JUAN	PR	SJU	5,169,232	0.82	476,936,984	75.69	169,084	13,943,457
39	MEMPHIS	TN	MEM	5,040,988	0.80	481,977,972	76.49	344,489	14,287,946
40	NEW ORLEANS	LA	MSY	4,562,282	0.72	486,540,254	77.21	127,041	14,414,987

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2002

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
41	RALEIGH/DURHAM	NC	RDU	4,129,284	0.66	490,669,538	77.87	168,806	14,583,793
42	SACRAMENTO	CA	SMF	4,126,102	0.65	494,795,640	78.52	119,074	14,702,867
43	NASHVILLE	TN	BNA	3,980,505	0.63	498,776,145	79.15	169,178	14,872,045
44	SANTA ANA	CA	SNA	3,832,501	0.61	502,608,646	79.76	99,546	14,971,591
45	HOUSTON	TX	HOU	3,829,712	0.61	506,438,358	80.37	153,936	15,125,527
46	INDIANAPOLIS	IN	IND	3,393,298	0.54	509,831,656	80.91	165,532	15,291,059
47	COLUMBUS	OH	CMH	3,206,361	0.51	513,038,017	81.42	184,266	15,475,325
48	AUSTIN	TX	AUS	3,173,554	0.50	516,211,571	81.92	110,834	15,586,159
49	WINDSOR LOCKS	CT	BDL	3,167,363	0.50	519,378,934	82.42	113,194	15,699,353
50	SAN ANTONIO	TX	SAT	3,161,931	0.50	522,540,865	82.92	113,344	15,812,697
51	ONTARIO	CA	ONT	3,038,100	0.48	525,578,965	83.40	115,659	15,928,356
52	ALBUQUERQUE	NM	ABQ	2,985,124	0.47	528,564,089	83.87	131,051	16,059,407
53	DALLAS	TX	DAL	2,822,588	0.45	531,386,677	84.32	127,295	16,186,702
54	MILWAUKEE	WI	MKE	2,769,339	0.44	534,156,016	84.76	175,123	16,361,825
55	WEST PALM BEACH	FL	PBI	2,671,845	0.42	536,827,861	85.18	84,334	16,446,159
56	PROVIDENCE	RI	PVD	2,630,373	0.42	539,458,234	85.60	96,595	16,542,754
57	KAHULUI	HI	OGG	2,595,693	0.41	542,053,927	86.01	126,573	16,669,327
58	FORT MYERS	FL	RSW	2,460,091	0.39	544,514,018	86.40	51,612	16,720,939
59	JACKSONVILLE	FL	JAX	2,408,114	0.38	546,922,132	86.78	82,160	16,803,099
60	BURBANK	CA	BUR	2,245,609	0.36	549,167,741	87.14	85,458	16,888,557
61	RENO	NV	RNO	2,161,567	0.34	551,329,308	87.48	74,287	16,962,844
62	BUFFALO	NY	BUF	2,006,761	0.32	553,336,069	87.80	89,989	17,052,833
63	ANCHORAGE	AK	ANC	1,895,745	0.30	555,231,814	88.10	203,944	17,256,777
64	OMAHA	NE	OMA	1,735,032	0.28	556,966,846	88.38	82,689	17,339,466
65	LOUISVILLE	KY	SDF	1,735,018	0.28	558,701,864	88.66	149,191	17,488,657
66	NORFOLK	VA	ORF	1,683,310	0.27	560,385,174	88.93	77,288	17,565,945
67	TUCSON	AZ	TUS	1,651,940	0.26	562,037,114	89.19	59,491	17,625,436
68	MANCHESTER	NH	MHT	1,626,494	0.26	563,663,608	89.45	61,275	17,686,711
69	OKLAHOMA CITY	OK	OKC	1,517,836	0.24	565,181,444	89.69	55,732	17,742,443
70	EL PASO	TX	ELP	1,433,423	0.23	566,614,867	89.92	68,220	17,810,663
71	TULSA	OK	TUL	1,429,770	0.23	568,044,637	90.15	56,252	17,866,915
72	BIRMINGHAM	AL	BHM	1,384,082	0.22	569,428,719	90.37	68,894	17,935,809
73	ALBANY	NY	ALB	1,374,241	0.22	570,802,960	90.59	93,756	18,029,565
74	BOISE	ID	BOI	1,360,629	0.22	572,163,589	90.81	70,903	18,100,468
75	SPOKANE	WA	GEG	1,337,035	0.21	573,500,624	91.02	62,788	18,163,256
76	AGANA	GU	GUM	1,316,366	0.21	574,816,990	91.23	24,225	18,187,481
77	LIHUE	HI	LIH	1,236,398	0.20	576,053,388	91.43	84,790	18,272,271
78	GREENSBORO	NC	GSO	1,228,483	0.19	577,281,871	91.62	65,272	18,337,543
79	KAILUA/KONA	HI	KOA	1,185,676	0.19	578,467,547	91.81	38,423	18,375,966
80	RICHMOND	VA	RIC	1,119,205	0.18	579,586,752	91.99	77,149	18,453,115

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2002

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
81	ROCHESTER	NY	ROC	1,115,324	0.18	580,702,076	92.17	72,876	18,525,991
82	LITTLE ROCK	AR	LIT	1,101,456	0.17	581,803,532	92.34	60,241	18,586,232
83	DAYTON	OH	DAY	1,076,444	0.17	582,879,976	92.51	83,033	18,669,265
84	COLORADO SPRINGS	CO	COS	1,020,729	0.16	583,900,705	92.67	47,158	18,716,423
85	ISLIP	NY	ISP	945,290	0.15	584,845,995	92.82	39,318	18,755,741
86	GRAND RAPIDS	MI	GRR	917,852	0.15	585,763,847	92.97	61,995	18,817,736
87	SYRACUSE	NY	SYR	913,980	0.15	586,677,827	93.12	68,338	18,886,074
88	SAVANNAH	GA	SAV	820,319	0.13	587,498,146	93.25	35,974	18,922,048
89	DES MOINES	IA	DSM	803,147	0.13	588,301,293	93.38	66,265	18,988,313
90	CHARLESTON	SC	CHS	757,759	0.12	589,059,052	93.50	42,532	19,030,845
91	MADISON	WI	MSN	720,398	0.11	589,779,450	93.61	42,855	19,073,700
92	KNOXVILLE	TN	TYS	673,787	0.11	590,453,237	93.72	58,489	19,132,189
93	HILO	HI	ITO	664,925	0.11	591,118,162	93.83	60,707	19,192,896
94	GREER	SC	GSP	663,502	0.11	591,781,664	93.94	50,211	19,243,107
95	ORLANDO	FL	SFB	649,384	0.10	592,431,048	94.04	10,759	19,253,866
96	PENSACOLA	FL	PNS	635,090	0.10	593,066,138	94.14	32,084	19,285,950
97	MYRTLE BEACH	SC	MYR	615,639	0.10	593,681,777	94.24	20,399	19,306,349
98	PORTLAND	ME	PWM	607,632	0.10	594,289,409	94.34	45,899	19,352,248
99	HARRISBURG	PA	MDT	604,146	0.10	594,893,555	94.44	48,856	19,401,104
100	JACKSON	MS	JAN	581,343	0.09	595,474,898	94.53	29,923	19,431,027
	101 thru 484			31,508,099	5.000	626,982,997	99.53	4,832,440	24,263,467

*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 | 2002 | 2010 | 2020 | Annual Compound Growth Rate | |
					2002-2010	2010-2020
Large Hubs	31	439,024,850	592,266,503	793,441,235	3.81	2.97
Medium Hubs	37	124,638,758	162,417,579	213,701,603	3.36	2.78
Small Hubs	68	46,793,153	57,834,903	72,585,640	2.68	2.30
Non Hub Towers	348	16,526,236	19,458,652	23,374,156	2.06	1.85
Total	484	626,982,997	831,977,637	1,103,102,634	3.60	2.86

Operations at Towered Airports

| | Count | 2002 | 2010 | 2020 | Annual Compound Growth Rate | |
					2002-2010	2010-2020
Large Hubs	31	13,854,557	16,772,833	20,563,461	2.42	2.06
Medium Hubs	37	7,674,741	8,776,623	10,499,272	1.69	1.81
Small Hubs	68	8,504,157	8,850,021	9,848,554	0.50	1.07
Non Hub Towers	348	35,233,241	36,505,599	41,071,741	0.44	1.19
Total	484	65,266,696	70,905,076	81,983,028	1.04	1.46

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										
1998	1,182,997	1,134,501	4,281,424	4,439,708	1,267,232	2,574,557	5,483,123	3,116,888	4,689,649	28,170,079
1999	1,164,426	1,168,977	4,435,180	4,616,452	1,292,662	2,650,427	5,727,316	3,121,684	4,769,427	28,946,551
2000	1,227,383	1,162,891	4,573,439	4,712,691	1,332,178	2,722,860	5,962,742	3,189,549	4,864,507	29,748,240
2001	1,198,225	1,162,700	4,550,127	4,655,447	1,345,059	2,695,987	5,832,707	3,109,372	4,816,273	29,365,897
2002	1,183,567	1,118,065	4,185,118	4,523,641	1,200,702	2,589,009	5,644,373	2,917,842	4,437,988	27,800,305
Forecast										
2003	1,218,148	1,063,029	4,123,528	4,597,544	1,152,840	2,613,118	5,720,253	3,087,547	4,494,168	28,070,175
2004	1,230,396	964,518	4,247,783	4,808,996	1,174,687	2,723,338	5,953,522	3,211,689	4,642,622	28,957,551
2005	1,242,630	991,406	4,374,366	4,958,613	1,199,143	2,792,705	6,111,305	3,297,195	4,797,116	29,764,479
2006	1,254,869	1,005,180	4,478,756	5,065,726	1,221,125	2,856,899	6,247,943	3,366,614	4,912,170	30,409,282
2007	1,267,098	1,018,948	4,570,877	5,150,783	1,241,838	2,919,129	6,379,658	3,437,139	5,013,467	30,998,937
2008	1,279,331	1,032,729	4,659,065	5,231,556	1,262,558	2,980,132	6,512,577	3,508,594	5,114,763	31,581,305
2009	1,291,567	1,046,502	4,747,252	5,313,426	1,283,274	3,041,237	6,647,661	3,581,298	5,215,499	32,167,716
2010	1,303,801	1,060,282	4,835,438	5,399,301	1,303,993	3,102,809	6,785,093	3,654,903	5,320,193	32,765,813
2011	1,316,038	1,074,056	4,923,630	5,480,198	1,324,714	3,164,593	6,918,093	3,726,691	5,428,270	33,356,283
2012	1,328,271	1,087,835	5,011,818	5,562,218	1,345,431	3,225,833	7,052,849	3,798,666	5,537,607	33,950,528
2013	1,340,510	1,101,614	5,100,015	5,647,919	1,366,152	3,287,570	7,190,732	3,871,034	5,650,647	34,556,193
2014	1,352,740	1,115,389	5,188,198	5,734,120	1,386,870	3,349,090	7,330,521	3,943,702	5,769,637	35,170,267
2015	1,364,974	1,129,165	5,276,378	5,820,106	1,407,588	3,410,100	7,471,030	4,016,614	5,891,468	35,787,423
2016	1,377,211	1,142,942	5,364,570	5,911,274	1,428,309	3,471,266	7,613,274	4,090,510	6,014,757	36,414,113
2017	1,389,444	1,156,719	5,452,758	5,999,555	1,449,027	3,531,857	7,757,562	4,164,891	6,136,454	37,038,267
2018	1,401,681	1,170,495	5,540,947	6,085,936	1,469,743	3,592,512	7,904,063	4,240,064	6,257,695	37,663,136
2019	1,413,915	1,184,272	5,629,131	6,175,013	1,490,463	3,653,628	8,052,722	4,316,534	6,379,313	38,294,991
2020	1,426,159	1,198,059	5,717,353	6,265,832	1,511,192	3,714,597	8,203,356	4,393,823	6,502,389	38,932,760

*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										
1998	2,038,016	3,177,046	9,640,887	11,890,484	3,419,126	7,276,009	16,292,076	9,165,718	12,895,877	75,795,239
1999	2,022,092	3,248,498	9,719,369	12,169,612	3,460,859	7,323,202	16,952,990	8,993,676	13,447,676	77,337,974
2000	2,082,476	3,329,544	9,903,754	12,342,219	3,465,267	7,612,668	17,388,635	9,248,564	13,493,700	78,866,827
2001	2,049,104	3,208,827	9,862,032	12,080,579	3,426,160	7,596,818	17,415,915	9,096,717	12,974,758	77,710,910
2002	2,006,412	3,179,612	9,396,374	12,081,760	3,264,908	7,471,830	17,118,759	8,950,402	12,594,482	76,064,539
Forecast										
2003	2,044,156	3,064,491	9,086,370	11,886,914	3,128,330	7,494,675	16,842,360	9,093,893	12,517,711	75,158,900
2004	2,060,645	2,980,251	9,238,604	12,130,370	3,159,114	7,662,465	17,161,374	9,270,274	12,747,154	76,410,251
2005	2,077,125	3,021,782	9,393,191	12,321,357	3,192,517	7,789,483	17,405,089	9,409,419	12,983,962	77,593,925
2006	2,093,609	3,044,085	9,525,587	12,469,682	3,223,455	7,911,373	17,627,458	9,531,246	13,181,458	78,607,953
2007	2,110,080	3,066,415	9,645,729	12,596,014	3,253,144	8,030,768	17,844,899	9,654,221	13,365,414	79,566,684
2008	2,126,560	3,088,776	9,761,728	12,718,089	3,282,849	8,148,959	18,063,519	9,778,207	13,549,511	80,518,198
2009	2,143,039	3,111,134	9,877,732	12,841,281	3,312,551	8,267,268	18,284,331	9,903,513	13,733,157	81,474,006
2010	2,159,520	3,133,501	9,993,726	12,968,507	3,342,254	8,386,062	18,507,523	10,029,795	13,920,878	82,441,766
2011	2,176,004	3,155,863	10,109,732	13,090,774	3,371,961	8,505,104	18,726,312	10,154,347	14,112,090	83,402,187
2012	2,192,482	3,178,238	10,225,736	13,214,192	3,401,663	8,623,561	18,946,893	10,279,147	14,304,679	84,366,591
2013	2,208,966	3,200,620	10,341,852	13,341,326	3,431,373	8,742,543	19,170,640	10,404,451	14,501,107	85,342,878
2014	2,225,442	3,223,001	10,457,939	13,468,944	3,461,072	8,861,300	19,396,231	10,530,104	14,703,570	86,327,603
2015	2,241,919	3,245,386	10,574,030	13,596,367	3,490,773	8,979,578	19,622,553	10,656,077	14,909,010	87,315,693
2016	2,258,405	3,267,777	10,690,157	13,728,980	3,520,483	9,098,016	19,850,582	10,783,139	15,116,030	88,313,569
2017	2,274,883	3,290,172	10,806,270	13,858,716	3,550,182	9,215,948	20,080,622	10,910,764	15,321,582	89,309,139
2018	2,291,365	3,312,577	10,922,399	13,986,561	3,579,886	9,333,952	20,312,856	11,039,263	15,526,803	90,305,662
2019	2,307,844	3,334,983	11,038,509	14,117,104	3,609,588	9,452,434	20,547,218	11,169,146	15,732,526	91,309,352
2020	2,324,337	3,357,413	11,154,690	14,249,440	3,639,312	9,570,837	20,783,569	11,299,997	15,939,870	92,319,465

*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										
1998	2,658,728	4,701,462	15,810,443	20,433,417	5,555,826	11,148,169	24,749,789	15,648,104	20,020,755	120,726,693
1999	2,641,314	4,861,111	15,481,642	20,737,849	5,577,401	11,300,437	25,603,160	15,512,329	21,194,787	122,910,030
2000	2,690,220	5,078,781	15,789,640	21,015,354	5,591,858	11,709,156	26,143,673	16,261,434	21,482,929	125,763,045
2001	2,634,761	4,940,851	15,896,411	20,665,244	5,569,577	11,709,124	26,298,933	15,988,231	20,730,737	124,433,869
2002	2,574,676	4,895,124	15,403,391	20,716,603	5,370,906	11,648,841	26,038,855	15,664,938	20,324,061	122,637,395
Forecast										
2003	2,648,818	4,699,689	14,933,839	20,323,141	5,125,388	11,642,761	25,448,351	15,753,970	19,921,717	120,497,674
2004	2,666,808	4,624,322	15,108,841	20,607,956	5,162,834	11,863,969	25,827,543	15,988,058	20,209,930	122,060,261
2005	2,684,791	4,674,956	15,286,221	20,839,247	5,202,914	12,044,465	26,131,484	16,187,226	20,509,944	123,561,248
2006	2,702,777	4,702,245	15,441,428	21,027,176	5,240,534	12,219,840	26,409,526	16,368,723	20,770,703	124,882,952
2007	2,720,749	4,729,606	15,584,378	21,193,122	5,276,928	12,385,219	26,682,613	16,549,565	21,018,011	126,140,191
2008	2,738,733	4,757,012	15,723,231	21,354,850	5,313,351	12,549,423	26,956,935	16,731,452	21,265,538	127,390,525
2009	2,756,715	4,784,412	15,862,085	21,517,684	5,349,769	12,713,745	27,233,440	16,914,660	21,512,653	128,645,163
2010	2,774,700	4,811,822	16,000,935	21,684,573	5,386,188	12,878,561	27,512,348	17,098,849	21,763,906	129,911,882
2011	2,792,689	4,839,224	16,139,794	21,846,495	5,422,612	13,043,598	27,786,847	17,281,314	22,018,677	131,171,250
2012	2,810,670	4,866,643	16,278,651	22,009,581	5,459,031	13,208,064	28,063,162	17,464,030	22,274,891	132,434,723
2013	2,828,660	4,894,072	16,417,731	22,176,397	5,495,459	13,373,065	28,342,655	17,647,265	22,535,003	133,710,307
2014	2,846,638	4,921,491	16,556,763	22,343,659	5,531,872	13,537,828	28,623,936	17,830,812	22,801,177	134,994,176
2015	2,864,618	4,948,919	16,695,802	22,510,717	5,568,287	13,702,108	28,905,919	18,014,663	23,070,384	136,281,417
2016	2,882,609	4,976,351	16,834,911	22,682,950	5,604,717	13,866,530	29,189,577	18,199,581	23,341,220	137,578,446
2017	2,900,591	5,003,787	16,974,001	22,852,287	5,641,129	14,030,458	29,475,200	18,385,032	23,610,650	138,873,135
2018	2,918,576	5,031,236	17,113,108	23,019,711	5,677,552	14,194,447	29,762,987	18,571,343	23,879,797	140,168,757
2019	2,936,559	5,058,685	17,252,192	23,189,815	5,713,969	14,358,902	30,052,857	18,759,007	24,149,497	141,471,483
2020	2,954,560	5,086,166	17,391,375	23,361,736	5,750,419	14,523,325	30,344,725	18,947,657	24,420,910	142,780,873

*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										
1998	432,096	2,143,663	8,044,206	7,899,440	1,702,865	3,248,337	9,580,510	6,766,319	6,971,456	46,788,892
1999	417,664	2,233,479	8,263,304	8,190,647	1,726,520	3,417,952	10,255,326	6,766,860	7,220,870	48,492,622
2000	478,024	2,211,979	8,376,164	8,281,516	1,737,084	3,591,511	10,488,005	6,816,160	7,493,339	49,473,782
2001	488,404	2,061,827	8,182,573	7,813,822	1,687,479	3,510,135	10,825,295	6,446,590	7,465,665	48,481,790
2002	485,302	2,107,992	7,876,531	7,665,086	1,623,639	3,438,766	11,338,562	6,438,282	7,469,384	48,443,544
Forecast										
2003	480,250	1,955,272	8,046,876	7,497,416	1,468,332	3,438,287	11,037,305	6,232,985	7,270,023	47,426,746
2004	490,218	1,999,434	8,590,412	7,670,309	1,501,339	3,526,894	11,310,427	6,367,561	8,459,601	49,916,195
2005	500,448	2,038,649	8,776,272	7,839,438	1,536,214	3,614,702	11,547,307	6,495,201	8,649,842	50,998,073
2006	509,517	2,077,903	8,962,897	8,006,957	1,571,110	3,702,580	11,784,302	6,622,910	8,841,786	52,079,962
2007	518,273	2,117,153	9,150,229	8,174,063	1,600,871	3,790,440	12,021,278	6,750,624	9,035,418	53,158,349
2008	527,088	2,156,406	9,338,306	8,341,405	1,630,706	3,878,319	12,258,287	6,878,347	9,230,791	54,239,655
2009	535,874	2,195,651	9,527,100	8,508,451	1,660,611	3,966,174	12,495,252	7,006,044	9,427,915	55,323,072
2010	544,847	2,234,906	9,716,670	8,675,803	1,690,601	4,054,055	12,732,252	7,133,766	9,626,863	56,409,763
2011	554,007	2,274,154	9,907,014	8,843,433	1,720,663	4,141,913	12,969,229	7,261,467	9,827,668	57,499,548
2012	563,359	2,313,417	10,098,184	9,011,397	1,750,818	4,229,811	13,206,271	7,389,215	10,030,405	58,592,877
2013	572,949	2,352,653	10,290,103	9,179,623	1,781,034	4,317,650	13,443,206	7,516,894	10,235,041	59,689,153
2014	582,993	2,391,904	10,482,907	9,348,550	1,811,344	4,405,520	13,680,199	7,644,600	10,441,709	60,789,726
2015	593,236	2,431,156	10,676,541	9,517,758	1,841,741	4,493,389	13,917,183	7,772,321	10,650,421	61,893,746
2016	603,693	2,470,410	10,871,081	9,687,316	1,872,229	4,581,270	14,154,198	7,900,046	10,861,253	63,001,496
2017	614,361	2,509,654	11,066,476	9,857,157	1,902,791	4,669,123	14,391,157	8,027,742	11,074,210	64,112,671
2018	625,249	2,548,907	11,262,811	10,027,351	1,933,456	4,756,995	14,628,149	8,155,460	11,289,389	65,227,767
2019	636,365	2,588,158	11,460,061	10,197,873	1,964,206	4,844,861	14,865,128	8,283,169	11,506,824	66,346,645
2020	647,718	2,627,436	11,658,361	10,368,848	1,995,070	4,932,787	15,102,230	8,410,956	11,726,644	67,470,050

*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										
1998	3,681,363	24,615,850	99,172,829	93,880,514	20,269,471	54,053,132	141,788,248	75,957,918	135,652,337	649,071,662
1999	3,747,394	25,382,467	103,562,376	98,659,228	21,826,255	56,522,985	149,195,553	77,056,344	139,613,489	675,566,091
2000	3,761,420	26,070,754	108,572,193	102,423,166	23,526,668	57,090,075	156,222,305	79,874,186	147,357,030	704,897,797
2001	3,788,176	24,715,286	108,214,627	99,087,247	22,967,120	56,349,923	155,323,685	78,169,210	144,571,120	693,186,394
2002	3,281,155	22,095,719	95,797,651	92,952,252	20,066,288	52,358,779	143,620,961	70,973,239	129,050,627	630,196,671
Forecast										
2003	3,424,019	20,040,705	97,792,467	97,060,570	19,937,354	53,742,934	147,910,102	71,087,903	132,435,204	643,431,258
2004	3,533,745	16,667,122	102,676,752	104,797,612	21,141,584	55,843,308	154,763,060	75,154,340	141,006,181	675,583,704
2005	3,637,467	17,145,391	107,607,359	111,068,782	21,998,591	58,198,807	161,145,642	78,253,509	148,682,215	707,737,763
2006	3,741,182	17,621,867	112,189,732	115,711,190	22,840,282	60,329,659	166,816,138	81,006,552	154,203,719	734,460,321
2007	3,844,924	18,098,357	116,523,615	119,687,739	23,672,867	62,493,932	172,493,932	83,733,438	158,940,384	759,489,164
2008	3,948,677	18,574,867	120,691,774	123,693,043	24,505,455	64,581,290	178,242,593	86,515,179	163,788,993	784,541,871
2009	4,052,414	19,051,388	124,861,908	127,708,109	25,338,042	66,667,256	184,166,217	89,364,429	168,573,913	809,783,676
2010	4,156,174	19,527,926	129,034,020	131,827,643	26,170,626	68,792,232	190,261,397	92,278,361	173,586,152	835,634,531
2011	4,259,912	20,004,480	133,208,114	135,857,207	27,003,215	70,935,722	196,091,739	95,024,725	178,693,169	861,078,283
2012	4,363,652	20,481,056	137,384,200	140,047,664	27,835,803	73,062,904	201,992,230	97,827,044	183,843,741	886,838,294
2013	4,467,394	20,957,642	141,562,260	144,336,745	28,668,391	75,229,227	208,025,877	100,686,175	189,178,214	913,111,925
2014	4,571,148	21,434,246	145,742,309	148,739,313	29,500,977	77,403,379	214,179,796	103,602,969	194,774,276	939,948,413
2015	4,674,892	21,910,867	149,908,401	153,186,273	30,333,563	79,559,164	220,434,052	106,586,851	200,566,095	967,160,158
2016	4,778,630	22,387,505	154,076,209	157,714,291	31,166,150	81,727,620	226,826,854	109,645,526	206,460,907	994,783,692
2017	4,882,382	22,864,163	158,245,739	162,137,490	31,998,737	83,867,945	233,349,503	112,775,821	212,323,400	1,022,445,180
2018	4,986,123	23,340,837	162,416,986	166,544,559	32,831,324	86,017,965	240,012,872	115,986,045	218,192,567	1,050,329,278
2019	5,089,865	23,817,532	166,589,962	171,034,693	33,663,911	88,205,860	246,812,157	119,272,740	224,121,617	1,078,608,337
2020	5,193,646	24,294,258	170,764,688	175,595,534	34,496,510	90,392,102	253,762,932	122,644,909	230,153,577	1,107,298,156

*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										
1998	5,678	9,699	19,868	30,658	6,779	19,640	31,793	21,636	36,396	182,147
1999	5,671	9,873	20,001	31,045	6,776	20,570	31,970	21,442	36,610	183,958
2000	5,694	10,420	20,253	31,775	6,951	20,972	32,388	22,251	37,223	187,927
2001	5,665	10,546	21,750	32,650	7,049	22,045	33,993	23,813	38,008	195,519
2002	5,644	10,775	20,718	33,348	7,232	22,487	34,283	24,340	38,055	196,882
Forecast										
2003	5,649	10,740	20,718	33,251	7,275	22,639	34,472	24,429	38,366	197,539
2004	5,663	10,825	20,848	33,513	7,346	22,930	34,884	24,786	38,733	199,528
2005	5,678	10,905	20,983	33,768	7,418	23,222	35,313	25,139	39,109	201,535
2006	5,687	10,979	21,107	34,021	7,487	23,518	35,716	25,489	39,479	203,483
2007	5,699	11,056	21,212	34,278	7,556	23,795	36,119	25,836	39,856	205,407
2008	5,714	11,162	21,393	34,572	7,635	24,130	36,599	26,241	40,264	207,710
2009	5,726	11,208	21,466	34,781	7,695	24,373	36,957	26,532	40,617	209,355
2010	5,738	11,289	21,617	35,035	7,773	24,669	37,372	26,896	40,999	211,388
2011	5,754	11,430	21,801	35,409	7,858	25,053	37,904	27,350	41,424	213,983
2012	5,764	11,464	21,871	35,591	7,918	25,291	38,236	27,596	41,761	215,492
2013	5,776	11,530	22,007	35,834	7,991	25,568	38,635	27,940	42,138	217,419
2014	5,789	11,641	22,163	36,138	8,069	25,899	39,110	28,343	42,545	219,697
2015	5,803	11,682	22,265	36,337	8,134	26,140	39,471	28,638	42,900	221,370
2016	5,815	11,774	22,388	36,608	8,206	26,440	39,895	29,006	43,293	223,425
2017	5,826	11,859	22,518	36,874	8,280	26,732	40,316	29,371	43,672	225,448
2018	5,839	11,927	22,639	37,119	8,350	27,000	40,726	29,709	44,054	227,363
2019	5,851	11,999	22,755	37,362	8,422	27,266	41,126	30,049	44,421	229,251
2020	5,875	12,212	23,062	37,888	8,537	27,809	41,825	30,659	44,961	232,828

*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.

Commuter Enplanements

Starting in FY 2003, FAA includes in the commuter 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 commuter operations using aircraft with 10 or more seats 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. 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 takeoffs or landings of commercial aircraft with seating capacity of more than 60 seats.

Commuter operations include takeoffs and landings by aircraft with 60 or fewer seats conducting 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 airport.

Itinerant Operations

FAA reports all aircraft operations other than local operations as itinerant. Essentially, these data represent takeoffs and land-

ings 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
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
PIT	AEA	PITTSBURGH INTERNATIONAL	PITTSBURGH, PA
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
STL	ACE	LAMBERT-ST LOUIS INTL	ST LOUIS, MO
TPA	ASO	TAMPA INTL	TAMPA, FL

Listed 31 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
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON, DC
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
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
SDF	ASO	LOUISVILLE INTL-STANDIFORD FIELD	LOUISVILLE, KY
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
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
ASE	ANM	ASPEN-PITKIN CO/SARDY FIELD	ASPEN, CO
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
EUG	ANM	MAHLON SWEET FIELD	EUGENE, OR
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
MOB	ASO	MOBILE REGIONAL	MOBILE, AL
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
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
ROC	AEA	GREATER ROCHESTER INTERNATIONAL	ROCHESTER, NY

Table B-3.

List of Small Hub Towers

Location Identifyer	Region	Airport Name	City, State
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
SFB	ASO	ORLANDO SANFORD	ORLANDO, FL
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
TOL	AGL	TOLEDO EXPRESS	TOLEDO, OH
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
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
CDW	AEA	ESSEX COUNTY	CALDWELL, NJ
CGF	AGL	CUYAHOGA COUNTY	CLEVELAND, OH
CHA	ASO	LOVELL FIELD	CHATTANOOGA, TN

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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
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
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
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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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
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
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
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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
JNU	AAL	JUNEAU INTL	JUNEAU, AK
JQF	ASO	CONCORD REGIONAL	CONCORD, NC
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	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 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
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
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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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
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
PHF	AEA	NEWPORT NEWS/WILLIAMSBURG INTERNATIONAL	NEWPORT NEWS, VA
PIA	AGL	GREATER PEORIA REGIONAL	PEORIA, IL
PIE	ASO	ST PETERSBURG-CLEARWATER INTL	ST PETERSBURG-CLEARWATER, 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
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
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
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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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
SGF	ACE	SPRINGFIELD-BRANSON REGIONAL	SPRINGFIELD, MO
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
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
TEB	AEA	TETERBORO	TETERBORO, NJ
TIW	ANM	TACOMA NARROWS	TACOMA, WA
TIX	ASO	SPACE COAST REGIONAL	TITUSVILLE, FL
TKI	ASW	MC KINNEY MUNI	MC KINNEY, TX
TMB	ASO	KENDALL-TAMIAMI EXECUTIVE	MIAMI, FL
TOA	AWP	ZAMPERINI FIELD	TORRANCE, CA
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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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 348 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
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
EWB	ANE	NEW BEDFORD REGIONAL	NEW BEDFORD, MA
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

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
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
GUM	AWP	GUAM INTERNATIONAL	AGANA, GU
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
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
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

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
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 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
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
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
RNT	ANM	RENTON MUNI	RENTON, WA

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
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
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	MC KINNEY MUNI	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
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 218 Airports.