Terminal Area Forecast Summary

Fiscal Years 2002-2020

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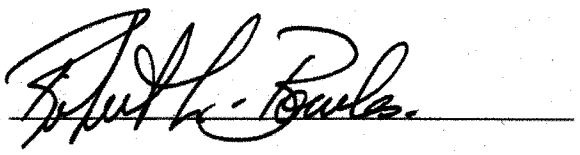
Preface

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 and the recent weakness in the economy. However, the projections do not fully reflect the ongoing structural changes occurring within the aviation industry or the war in Iraq.

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 2002-2013* (March 2002). The preliminary TAF forecasts were forwarded to the FAA regional offices for review in June 2002. However, by late summer it became apparent that passenger demand had weakened and, as a result, mainline air carriers began to implement significant schedule reductions throughout their route networks. Therefore, the preliminary TAF forecasts were revised in January/February 2003 to reflect the lower demand and activity levels at most airports. For the most part, the current TAF incorporates the forecasts and assumptions contained in *FAA Aerospace Forecasts, Fiscal Years 2003-2014* (March 2003). The tables for the national forecasts can be found at http://apo.faa.gov/pubs.asp.

The TAF can be accessed from the Internet. Copies of the TAF model and TAF database are located at http://www.apo.data.faa.gov/. The TAF model allows users to create their own scenarios and forecasts. The TAF database, which contains a query data application, allows the public to access and print historical (1976 to 2001) and forecast (2002 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.



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The software support was executed under the direction of Carlton R. Wine, Manager, Information Systems Branch. Mr. Wine and his staff organize and manage the data bases used to produce the forecasts, update the computer programs, and carry out the computer operations necessary to produce the individual airport forecasts. We extend a special thanks to Philip Sperry and Damien G. Agostinelli who programmed the TAF software and made accessing and analyzing this airport data so much more efficient.

Special acknowledgments are made to FAA Regional and District Office staff, particularly Airports and Air Traffic personnel, 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 Statistics and Forecast Branch in making adjustments to the preliminary version of the forecasts. Undoubtedly, their effort has enhanced the accuracy and credibility of the final product.

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Summary Highlights for Fiscal Year 2001

- A total of 689.4 million passengers were enplaned at U.S. airports in 2001; FAA and Federal contract towered airports accounted for 685.2 million enplanements.

- The top 100 air carrier airports accounted for 651.2 million enplanements in 2001, or 94 percent of total enplanements at U.S. airports.

- FAA towers handled 50.6 million operations (takeoffs and landings) in 2001, including 23.8 million commercial aircraft operations.

- Towers operated under Federal contract by FAA handled 15.9 million operations in 2001, including 1.8 million commercial operations.

- The 32 large hub airports[1] enplaned 486.3 million passengers in 2001. These airports are projected to enplane 818.5 million passengers in 2020, a 68.3 percent increase over the 19-year period (or 2.8 percent annually).

- The 35 medium hub airports[2] recorded 128.5 million enplanements in 2001. These airports are projected to enplane 198.4 million passengers in 2020, a 54.4 percent increase over the 19-year period (or 2.3 percent annually).

- In terms of 2001 passenger enplanements, Atlanta (38.4 million enplanements), Chicago O'Hare (32.9 million), Los Angeles (31.5 million), Dallas/Ft.Worth (26.9 million), and Phoenix (18.1 million) were the five largest U.S. commercial airports, accounting for 21.4 percent of total enplanements at U.S. airports.

- Atlanta is projected to remain the country's busiest airport, as measured by passenger enplanements, through the forecast period with a projected 64.7 million enplaned passengers in 2020. Chicago O'Hare is projected to enplane 52.4 million passengers in 2020, followed by Los Angeles with 48.3 million enplanements.

- Enplanements at Cincinnati, Washington Dulles, and Chicago Midway airports are projected to grow fastest among large hub airports. The annual growth rates at these airports are forecasted to increase by 5.5, 4.7, and 4.4 percent per year, respectively, over the 2001 – 2020 period.

- In terms of total operations, Chicago O'Hare was the busiest U.S. airport in 2001 with 927,000 aircraft operations. Atlanta and Dallas/Ft. Worth were the second and third busiest airports with 898,000 and 835,000 operations, respectively.

- By 2020, Atlanta is expected to lead the nation in total operations with a projected 1.41 million operations. Dallas/Ft. Worth (1.22 million operations) is projected to move into second place with Chicago O'Hare (1.20 million operations) dropping to third position.

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

- The FAA's Southern region airports enplaned more passengers than any other region with 153.2 million passengers in 2001, or 22 percent of total enplanements. The Western Pacific region followed with 144.5 million enplanements, or 21 percent of total enplanements.

- The Southern region is expected to maintain its lead in passenger enplanements, reaching 257.2 million by 2020. The Western Pacific region is projected to remain in second place in 2020 with 230.2 million enplanements.

- The Southern region led all FAA regions in the number of aircraft operations with 26.3 million operations in 2001. This region is expected to continue to remain first in 2020 with 31.5 million operations. The Western Pacific and Great Lakes regions ran second and third in aircraft operations in 2001 with 20.7 million operations each. These two regions are projected to maintain their relative rankings in 2020.

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, 208 Federal contract tower airports, 180 radar approach control facilities, and 2,895 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. Copies of the TAF model and TAF database are bcated at http://www.apo.data.faa.gov/. The TAF model allows users to create their own scenarios and forecasts. 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 2001 and forecasts for 2002 to 2020. [3] The forecasts include the impact of the terrorist events of September 11, 2001 and the recent weakness in the economy. However, the projections do not fully reflect the ongoing structural changes occurring within the aviation industry or the war in Iraq.

[3] Operations data for FAA towers and Federal contract towers for 2002 are actual.

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;
- ***local operations*** for GA and military aircraft; and
- ***total instrument operations*** (primary and secondary).

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 other functional forms and the use of growth rates developed separately from the TAF. The TAF may incorporate estimates prepared by local authorities and/or recent FAA-approved

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

In addition, the 41 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 to and 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 downturn 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 as a whole. 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 towers 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 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 2003-2014 (March 2003)*. Reasons for the minor 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 in-

cludes 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.

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 2002 for FAA and Federal contract tower airports. Enplanement data for fiscal year 2002 are estimates. Appendix A contains a detailed description of each TAF data element.

TAF and National Forecast Totals

Events of September 11, 2001

The events of September 11, 2001 and its aftermath have left in its wake shock waves throughout the aviation industry. Commercial and general aviation demand and aircraft activity have been substantially reduced. The impact of these events and weakness in the economy can be assessed by comparing the 2015 forecast levels in the previous (2001) TAF with the 2015 forecast levels in this (2002) TAF. The 2015 forecast levels for enplanements at FAA and contract towers declined 14.4 percent from 1.1 billion to 969 million; the 2015 forecast levels for total operations at these airports declined 6.3 percent from 85.6 million to 80.2 million. The 2015 forecast level for enplanements at both towered and non-towered airports declined 14.3 percent from 1.1 billion to 974 million; the forecast level for total operations at all airports declined 3.4 percent from 145.4 million to 140.5 million. In effect, activity and passenger demand levels have been extended four to six years into the future; total operations are not expected to achieve the previous 2015 TAF forecast level until 2019 and enplanements are not expected to achieve the previous 2015 TAF forecast level until after 2020. The forecasts presented herein do not fully reflect the ongoing structural changes occurring within the aviation industry or the war in Iraq.

National Forecast Trends

Trends at individual airports reflect to varying degrees national aviation trends as well as the dynamics occurring at individual airports. The national forecasts contained in *FAA Aerospace Forecasts Fiscal Years 2003 – 2014 (March 2003)* show aircraft operations at FAA and Federal contract tower airports growing at an average annual rate of 1.7 percent over the 12-year forecast period. Average annual growth rates for this period by user group are as follows: air carrier, 2.2 percent; air taxi/commuter, 2.8 percent; and general aviation, 1.3 percent. The projected average annual rate of increase for enplanements on U.S. air carriers from the national forecast is 3.6 percent over the 12-year forecast period. Regional/commuter enplanements are projected to increase 5.6 percent annually.

Data Summary and Comparisons

In fiscal year 2001, the FAA served 266 towers (levels 1 through 5) and 208 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 FAA towers 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 32 large hub airports enplaned 486.3 million passengers in 2001 while the 35 medium and 67 small hub airports enplaned 128.5 and 51.5 million passengers, respectively. The 340 non-hub airports enplaned 19.0 million passengers. Table S-5 presents passenger enplanements and airport operations by hub size. Appendix B contains a listing of hub airports classi-

fied by size (large, medium, small, and non-hub) as well as a list of Federal contract towers.

Operations at large hub airports totaled 15.2 million compared to levels of 7.9 and 8.4 million at medium and small hub airports, respectively.

Operations at large hub airports are forecast to increase 38 percent from 2001 to 2020, growing to 20.9 million. Operations at all FAA and Federal contract tower airports are projected to increase from 66.5 to 86.4 million, an increase of 30 percent.

Non-hub airports accounted for 35.0 million operations or 53 percent of total operations at FAA and Federal contract towers. General aviation aircraft operations accounted for the majority of operations at these smaller airports.

Tables S-6 through S-11 summarize airport operations, enplanements, and based aircraft by region from 1997 through 2020. The Southern (26.3 million operations), Western Pacific (20.7 million), and Great Lakes (20.7 million) regions ranked as the top three FAA regions in airport operations in 2001. Operations for all TAF airports totaled 124.4 million.

The Northwest Mountain and Western Pacific regions are projected to be the fastest growing FAA regions from 2001 to 2020 in terms of airport operations, increasing 24 percent and 22 percent, respectively. The Southern region led FAA regions in passengers enplaned with 153.2 million in 2001, followed by the Western Pacific region with 144.5 million passengers. Enplanements in the Great Lakes and Eastern regions are projected to increase the most in percentage terms over the forecast period, with each region increasing 70 percent.

In 2001, there was a total of 195.5 thousand based aircraft. Western Pacific (38.0 thousand aircraft), Southern (34.0 thousand), and Great Lakes (32.7 thousand) ranked as the top three 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 2.8 percent over the 2001 to 2020 forecast period. Medium and small hub airports are forecast to increase 2.3 percent and 2.0 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 2001 (38.4 million enplanements), followed by Chicago O'Hare (32.9 million), Los Angeles (31.5 million), and Dallas/Ft. Worth (26.9 million). Atlanta and Dallas/Ft. Worth are forecasted to have the strongest growth in enplanements among the top four airports, increasing at annual rates of 2.8 percent and 2.6 percent, respectively, over the 2001 to 2020 forecast period. Chicago O'Hare is fore-

cast to increase at an annual rate of 2.5 percent and Los Angeles at 2.3 percent. Graph S-1 shows relative enplanements growth over the next 19 years. The five airports with the fastest projected increase are Cincinnati, Washington Dulles, Chicago Midway, Ft. Lauderdale, and John F. Kennedy.

Cincinnati, Washington Dulles, and John F. Kennedy are projected to make the largest upward movement in ranking of enplanements. Cincinnati moves up from 26th to 13th, Washington Dulles moves from 27th to 18th, and John F. Kennedy moves up from 14th to 8th position. Hub airports with the largest drop in hub rankings are San Francisco (from 7th to 15th) and La Guardia (from 19th to 27th).

Table S-2 presents operations forecast summaries for the 32 large hub airports. In 2001, FAA controllers at Chicago O'Hare handled 927,000 landings and takeoffs, a workload slightly higher than Atlanta, which totaled 898,000 operations. The next busiest airports were Dallas/Ft. Worth and Los Angeles with 835,000 and 783,000 airport operations, respectively.

In 2020, Atlanta is projected to have the largest number of operations with 1.41 million followed by Dallas/Ft. Worth with 1.22 million. Operations at Chicago O'Hare are forecast to increase relatively slowly dropping O'Hare to 3rd place by 2020.

Graph S-2 shows that the three airports projected to grow the fastest in operations are Cincinnati, Chicago Midway, and Washington Dulles. Cincinnati and Bush Intercontinental are expected to move into the list of the top 10 busiest airports replacing Las Vegas and Boston.

The 35 medium hubs enplaned 128.5 million passengers in 2001. Enplanements at these airports are forecast to increase by 54 percent over the forecast period. At the 67 small hubs, enplanements are projected to grow by 45 percent.

Operations at the medium hubs are forecast to rise by 33 percent from 2001 to 2020; aircraft operations at small hub airports are forecast to grow only 21 percent.

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

Loc ID	Reg	Airport Name	2001	2001** Percent	2002	2006	2020	Airport Ranking 2001	Airport Ranking 2020
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	38,403	5.57	36,321	41,978	64,727	1	1
ORD	AGL	CHICAGO O'HARE INTL	32,861	4.77	31,026	35,482	52,404	2	2
LAX	AWP	LOS ANGELES INTL	31,501	4.57	26,323	30,351	48,307	3	3
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	26,891	3.90	24,148	28,408	43,882	4	4
PHX	AWP	PHOENIX SKY HARBOR INTL	18,099	2.63	16,930	19,543	31,606	5	5
DEN	ANM	DENVER INTL	17,939	2.60	16,544	19,938	31,404	6	6
SFO	AWP	SAN FRANCISCO INTERNATIONAL	17,862	2.59	14,856	17,033	24,670	7	15
LAS	AWP	MC CARRAN INTL	17,215	2.50	16,540	19,060	28,163	8	12
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	16,698	2.42	15,124	18,104	30,091	9	10
IAH	ASW	GEORGE BUSH INTERCONTINENTAL	16,576	2.40	15,889	18,959	30,147	10	9
EWR	AEA	NEWARK INTL	16,521	2.40	14,073	16,871	28,833	11	11
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	16,490	2.39	15,553	19,140	30,635	12	7
MIA	ASO	MIAMI INTL	15,740	2.28	13,889	16,195	24,915	13	14
JFK	AEA	JOHN F KENNEDY INTL	15,734	2.28	15,050	18,303	30,325	14	8
MCO	ASO	ORLANDO INTL	14,483	2.10	12,631	15,137	23,738	15	16
STL	ACE	LAMBERT-ST LOUIS INTL	14,139	2.05	12,412	13,005	19,816	16	20
SEA	ANM	SEATTLE-TACOMA INTL	13,604	1.97	12,570	13,727	20,304	17	19
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	12,831	1.86	10,665	12,425	17,529	18	23
LGA	AEA	LA GUARDIA	12,342	1.79	10,416	12,978	15,697	19	27
PHL	AEA	PHILADELPHIA INTL	12,175	1.77	11,631	14,012	22,747	20	17
CLT	ASO	CHARLOTTE/DOUGLAS INTL	11,859	1.72	11,589	12,767	18,701	21	21
BWI	AEA	BALTIMORE-WASHINGTON INTL	10,302	1.49	9,489	11,297	18,328	22	22
PIT	AEA	PITTSBURGH INTERNATIONAL	10,183	1.48	9,212	9,349	17,302	23	25
HNL	AWP	HONOLULU INTL	10,150	1.47	9,266	10,847	15,547	24	28
SLC	ANM	SALT LAKE CITY INTL	9,285	1.35	8,908	9,829	14,478	25	29
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	8,951	1.30	9,879	12,081	24,956	26	13
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	8,802	1.28	7,936	9,709	21,141	27	18
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	8,147	1.18	7,770	9,986	17,453	28	24
TPA	ASO	TAMPA INTL	8,102	1.18	7,544	8,450	13,016	29	30
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	7,780	1.13	7,224	8,368	12,391	30	31
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	7,374	1.07	5,311	7,327	8,860	31	32
MDW	AGL	CHICAGO MIDWAY	7,236	1.05	7,573	9,711	16,357	32	26

* 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 2001 enplanements.
**Percent of total enplanements.

Graph S-1. Enplanements Growth Rates For Large Hub Airports - 2001 to 2020

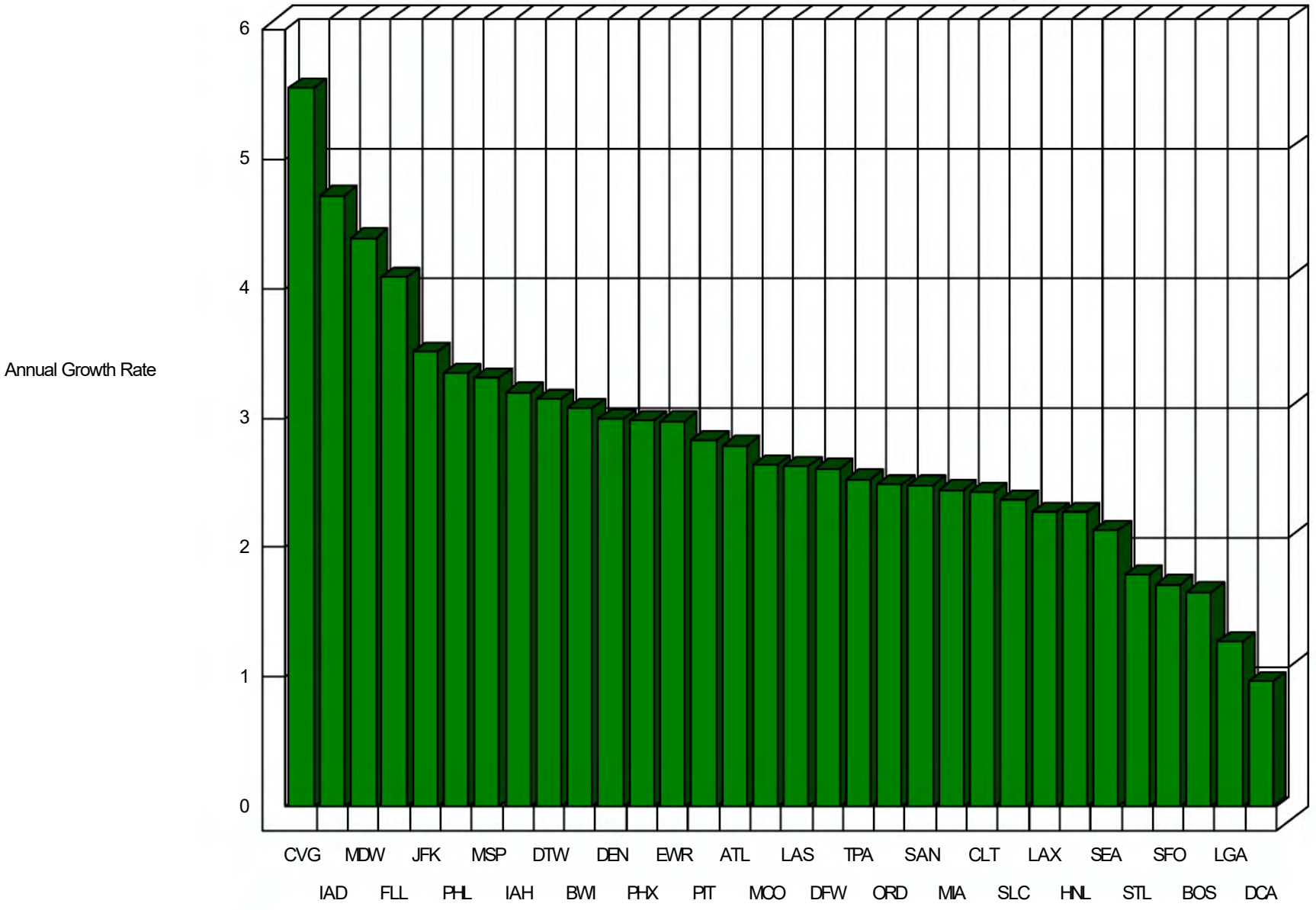

Table S-2.
Airport Operations At Large Hub Airports*
(In Thousands)

Loc ID	Reg	Airport Name	2001	2001** Percent	2002	2006	2020	Airport Ranking 2001	Airport Ranking 2020
ORD	AGL	CHICAGO O'HARE INTL	927	0.75	901	1,005	1,198	1	3
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	898	0.72	882	1,019	1,414	2	1
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	835	0.67	762	899	1,224	3	2
LAX	AWP	LOS ANGELES INTL	783	0.63	637	718	973	4	4
PHX	AWP	PHOENIX SKY HARBOR INTL	627	0.50	577	649	899	5	5
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	540	0.43	490	578	840	6	8
DEN	ANM	DENVER INTL	526	0.42	495	607	861	7	6
LAS	AWP	MC CARRAN INTL	513	0.41	491	539	679	8	12
MSP	AGL	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN/	512	0.41	497	591	779	9	9
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	499	0.40	405	424	500	10	21
IAH	ASW	GEORGE BUSH INTERCONTINENTAL	489	0.39	458	533	729	11	10
MIA	ASO	MIAMI INTL	489	0.39	442	475	596	12	16
STL	ACE	LAMBERT-ST LOUIS INTL	486	0.39	453	456	590	13	17
PHL	AEA	PHILADELPHIA INTL	475	0.38	467	500	649	14	14
CLT	ASO	CHARLOTTE/DOUGLAS INTL	471	0.38	465	486	611	15	15
EWR	AEA	NEWARK INTL	462	0.37	407	476	674	16	13
PIT	AEA	PITTSBURGH INTERNATIONAL	452	0.36	439	400	509	17	20
IAD	AEA	WASHINGTON DULLES INTERNATIONAL	430	0.35	401	457	721	18	11
SEA	ANM	SEATTLE-TACOMA INTL	423	0.34	361	400	556	19	19
SFO	AWP	SAN FRANCISCO INTERNATIONAL	407	0.33	350	352	433	20	27
LGA	AEA	LA GUARDIA	404	0.32	354	417	417	21	29
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	390	0.31	473	565	846	22	7
SLC	ANM	SALT LAKE CITY INTL	363	0.29	401	445	570	23	18
MCO	ASO	ORLANDO INTL	342	0.28	303	348	459	24	24
JFK	AEA	JOHN F KENNEDY INTL	340	0.27	291	342	446	25	26
HNL	AWP	HONOLULU INTL	339	0.27	316	367	456	26	25
BWI	AEA	BALTIMORE-WASHINGTON INTL	328	0.26	310	340	470	27	23
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	328	0.26	180	261	286	28	32
FLL	ASO	FORT LAUDERDALE/HOLLYWOOD INTL	299	0.24	275	325	433	29	28
MDW	AGL	CHICAGO MIDWAY	280	0.23	293	352	472	30	22
TPA	ASO	TAMPA INTL	269	0.22	245	252	322	31	30
SAN	AWP	SAN DIEGO INTL-LINDBERGH FLD	213	0.17	201	232	305	32	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 2001 enplanements.
**Percent of total operations.

Graph S-2. Airport Operations Growth Rates For Large Hub Airports - 2001 to 2020

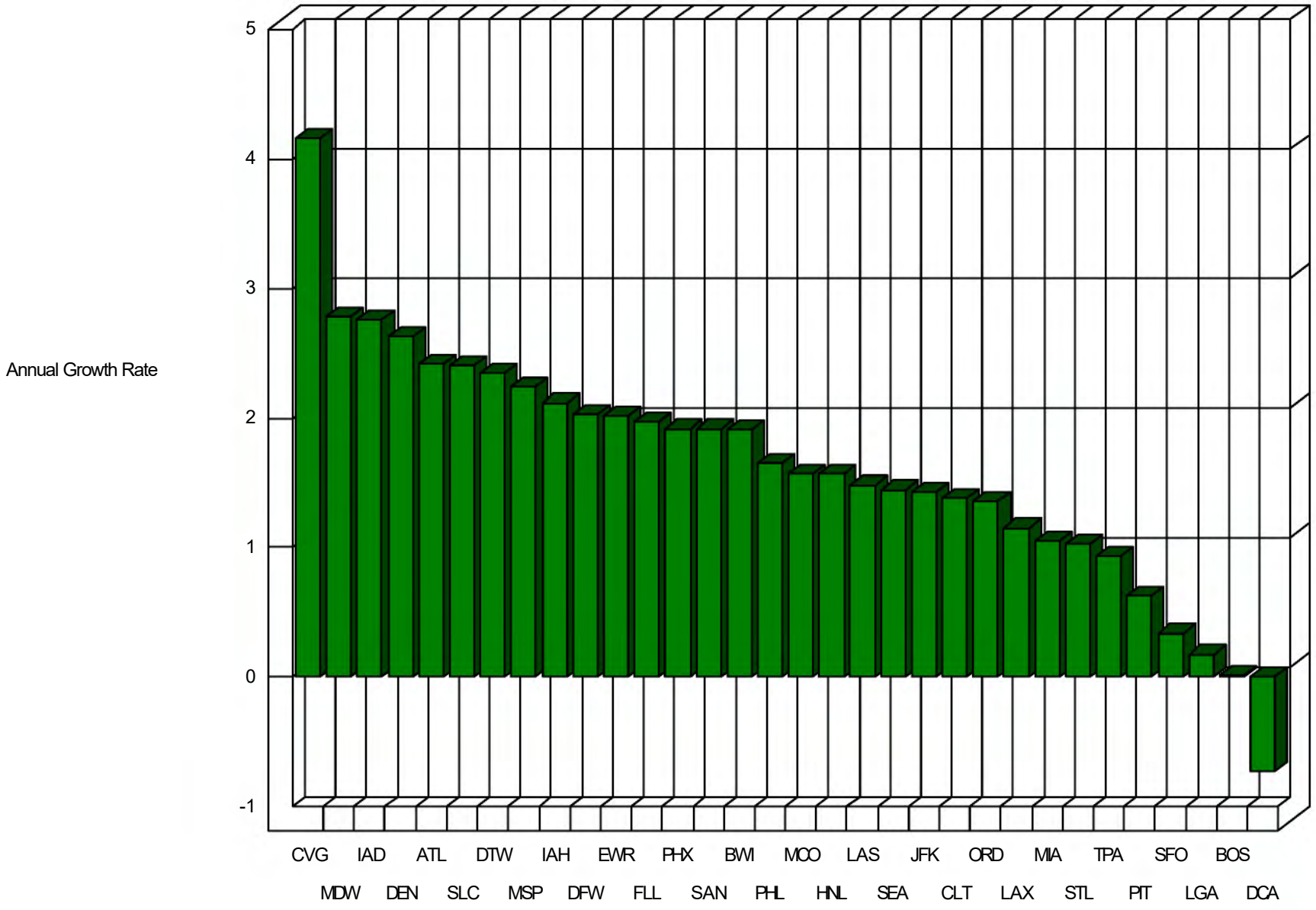

Table S-3.
Air Traffic Control Towers and Contract Towers by Region and State

As of September 30, 2001

Region/State	FAA Towers	Contract Towers
Alaska		
Alaska	4	4
Regional Total	4	4
Central		
Iowa	4	1
Kansas	1	7
Missouri	5	4
Nebraska	2	1
Regional Total	12	13
Eastern		
District of Columbia	2	0
Delaware	1	0
Maryland	2	3
New Jersey	5	1
New York	12	4
Pennsylvania	9	3
Virginia	5	2
West Virginia	3	4
Regional Total	39	17
Great Lakes		
Illinois	11	7
Indiana	6	4
Michigan	11	3
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	5
Massachusetts	3	8
Maine	2	0
New Hampshire	1	2
Rhode Island	1	0
Vermont	1	0
Regional Total	9	15
Northwest Mountain		
Colorado	6	2
Idaho	2	4
Montana	3	2
Oregon	3	6
Utah	1	1
Northwest Mountain		
Washington	6	7
Wyoming	1	3
Regional Total	22	25
Southern		
Alabama	4	3
Florida	18	16
Georgia	5	7
Kentucky	4	2
Mississippi	2	4
North Carolina	6	5
Puerto Rico	1	1
South Carolina	5	2
Tennessee	5	2
Virgin Islands	1	1
Regional Total	51	43
Southwest		
Arkansas	2	4
Louisiana	7	5
New Mexico	2	3
Oklahoma	3	5
Texas	19	12
Regional Total	33	29
Western Pacific		
American Samoa	1	0
Arizona	7	7
California	33	18
Guam	0	1
Hawaii	3	3
Nevada	3	2
South Pacific	1	1
Regional Total	48	32
Grand Total	**266**	**208**

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2001

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
1	ATLANTA	GA	ATL	38,403,184	5.57	38,403,184	5.570	882,332	882,332
2	CHICAGO	IL	ORD	32,861,463	4.77	71,264,647	10.34	903,003	1,785,335
3	LOS ANGELES	CA	LAX	31,501,162	4.57	102,765,809	14.91	763,897	2,549,232
4	DALLAS-FORT WORTH	TX	DFW	26,891,403	3.90	129,657,212	18.81	798,138	3,347,370
5	PHOENIX	AZ	PHX	18,099,317	2.63	147,756,529	21.44	499,625	3,846,995
6	DENVER	CO	DEN	17,939,800	2.60	165,696,329	24.04	510,659	4,357,654
7	SAN FRANCISCO	CA	SFO	17,862,249	2.59	183,558,578	26.63	384,815	4,742,469
8	LAS VEGAS	NV	LAS	17,215,302	2.50	200,773,880	29.13	415,031	5,157,500
9	DETROIT	MI	DTW	16,698,964	2.42	217,472,844	31.55	486,866	5,644,366
10	HOUSTON	TX	IAH	16,576,594	2.40	234,049,438	33.95	464,225	6,108,591
11	NEWARK	NJ	EWR	16,521,266	2.40	250,570,704	36.35	445,582	6,554,173
12	MINNEAPOLIS	MN	MSP	16,490,650	2.39	267,061,354	38.74	382,887	6,937,060
13	MIAMI	FL	MIA	15,740,006	2.28	282,801,360	41.02	414,994	7,352,054
14	NEW YORK	NY	JFK	15,734,725	2.28	298,536,085	43.30	331,808	7,683,862
15	ORLANDO	FL	MCO	14,483,116	2.10	313,019,201	45.40	310,352	7,994,214
16	ST LOUIS	MO	STL	14,139,923	2.05	327,159,124	47.45	460,810	8,455,024
17	SEATTLE	WA	SEA	13,604,468	1.97	340,763,592	49.42	418,702	8,873,726
18	BOSTON	MA	BOS	12,831,269	1.86	353,594,861	51.28	471,527	9,345,253
19	NEW YORK	NY	LGA	12,342,023	1.79	365,936,884	53.07	393,205	9,738,458
20	PHILADELPHIA	PA	PHL	12,175,642	1.77	378,112,526	54.84	414,049	10,152,507
21	CHARLOTTE	NC	CLT	11,859,005	1.72	389,971,531	56.56	419,804	10,572,311
22	BALTIMORE	MD	BWI	10,302,083	1.49	400,273,614	58.05	293,164	10,865,475
23	PITTSBURGH	PA	PIT	10,183,267	1.48	410,456,881	59.53	425,446	11,290,921
24	HONOLULU	HI	HNL	10,150,357	1.47	420,607,238	61.00	231,388	11,522,309
25	SALT LAKE CITY	UT	SLC	9,285,642	1.35	429,892,880	62.35	280,960	11,803,269
26	COVINGTON/CINCINNATI, OH	KY	CVG	8,951,201	1.30	438,844,081	63.65	360,768	12,164,037
27	WASHINGTON	DC	IAD	8,802,451	1.28	447,646,532	64.93	365,295	12,529,332
28	FORT LAUDERDALE	FL	FLL	8,147,642	1.18	455,794,174	66.11	216,578	12,745,910
29	TAMPA	FL	TPA	8,102,506	1.18	463,896,680	67.29	225,306	12,971,216
30	SAN DIEGO	CA	SAN	7,780,769	1.13	471,677,449	68.42	197,658	13,168,874
31	WASHINGTON	DC	DCA	7,374,029	1.07	479,051,478	69.49	263,781	13,432,655
32	CHICAGO	IL	MDW	7,236,415	1.05	486,287,893	70.54	220,875	13,653,530
33	PORTLAND	OR	PDX	6,438,633	0.93	492,726,526	71.47	260,633	13,914,163
34	SAN JOSE	CA	SJC	6,309,826	0.92	499,036,352	72.39	175,880	14,090,043
35	CLEVELAND	OH	CLE	5,924,679	0.86	504,961,031	73.25	278,557	14,368,600

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2001

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
36	KANSAS CITY	MO	MCI	5,879,219	0.85	510,840,250	74.10	205,451	14,574,051
37	MEMPHIS	TN	MEM	5,876,534	0.85	516,716,784	74.95	344,385	14,918,436
38	OAKLAND	CA	OAK	5,623,479	0.82	522,340,263	75.77	201,039	15,119,475
39	RALEIGH/DURHAM	NC	RDU	4,968,382	0.72	527,308,645	76.49	223,964	15,343,439
40	NEW ORLEANS	LA	MSY	4,947,243	0.72	532,255,888	77.21	138,930	15,482,369
41	SAN JUAN	PR	SJU	4,943,132	0.72	537,199,020	77.93	175,678	15,658,047
42	NASHVILLE	TN	BNA	4,358,463	0.63	541,557,483	78.56	171,563	15,829,610
43	HOUSTON	TX	HOU	4,265,788	0.62	545,823,271	79.18	153,918	15,983,528
44	SACRAMENTO	CA	SMF	4,097,754	0.59	549,921,025	79.77	111,865	16,095,393
45	SANTA ANA	CA	SNA	3,787,262	0.55	553,708,287	80.32	101,196	16,196,589
46	INDIANAPOLIS	IN	IND	3,750,829	0.54	557,459,116	80.86	207,815	16,404,404
47	AUSTIN	TX	AUS	3,591,420	0.52	561,050,536	81.38	118,427	16,522,831
48	WINDSOR LOCKS	CT	BDL	3,571,026	0.52	564,621,562	81.90	133,563	16,656,394
49	DALLAS	TX	DAL	3,552,296	0.52	568,173,858	82.42	150,924	16,807,318
50	SAN ANTONIO	TX	SAT	3,434,758	0.50	571,608,616	82.92	113,936	16,921,254
51	COLUMBUS	OH	CMH	3,402,615	0.49	575,011,231	83.41	178,869	17,100,123
52	ONTARIO	CA	ONT	3,259,334	0.47	578,270,565	83.88	122,421	17,222,544
53	ALBUQUERQUE	NM	ABQ	3,149,546	0.46	581,420,111	84.34	119,329	17,341,873
54	MILWAUKEE	WI	MKE	2,983,348	0.43	584,403,459	84.77	174,311	17,516,184
55	WEST PALM BEACH	FL	PBI	2,979,195	0.43	587,382,654	85.20	96,037	17,612,221
56	KAHULUI	HI	OGG	2,869,392	0.42	590,252,046	85.62	129,650	17,741,871
57	PROVIDENCE	RI	PVD	2,767,789	0.40	593,019,835	86.02	101,008	17,842,879
58	FORT MYERS	FL	RSW	2,688,420	0.39	595,708,255	86.41	56,682	17,899,561
59	JACKSONVILLE	FL	JAX	2,610,899	0.38	598,319,154	86.79	91,687	17,991,248
60	RENO	NV	RNO	2,498,416	0.36	600,817,570	87.15	78,496	18,069,744
61	BUFFALO	NY	BUF	2,325,775	0.34	603,143,345	87.49	105,698	18,175,442
62	BURBANK	CA	BUR	2,322,699	0.34	605,466,044	87.83	85,344	18,260,786
63	ANCHORAGE	AK	ANC	2,035,781	0.30	607,501,825	88.13	202,237	18,463,023
64	LOUISVILLE	KY	SDF	1,950,543	0.28	609,452,368	88.41	147,885	18,610,908
65	TUCSON	AZ	TUS	1,805,592	0.26	611,257,960	88.67	59,275	18,670,183
66	OMAHA	NE	OMA	1,802,980	0.26	613,060,940	88.93	84,225	18,754,408
67	OKLAHOMA CITY	OK	OKC	1,729,672	0.25	614,790,612	89.18	62,167	18,816,575
68	TULSA	OK	TUL	1,668,810	0.24	616,459,422	89.42	62,880	18,879,455
69	AGANA	GU	GUM	1,657,127	0.24	618,116,549	89.66	26,347	18,905,802
70	EL PASO	TX	ELP	1,616,621	0.23	619,733,170	89.89	70,058	18,975,860

Table S-4.
Ranking of Top 100 FAA Towers by Total Enplanements, FY 2001

Rank	City	State	Location Identifier	Enplaned* Passengers	Percent** of Total	Cumulative Enplanements	Cumulative Percentage	Commercial*** Operations	Cumulative Operations
71	MANCHESTER	NH	MHT	1,600,848	0.23	621,334,018	90.12	62,820	19,038,680
72	BIRMINGHAM	AL	BHM	1,559,770	0.23	622,893,788	90.35	71,188	19,109,868
73	ALBANY	NY	ALB	1,512,482	0.22	624,406,270	90.57	93,732	19,203,600
74	NORFOLK	VA	ORF	1,485,273	0.22	625,891,543	90.79	72,535	19,276,135
75	BOISE	ID	BOI	1,471,811	0.21	627,363,354	91.00	70,711	19,346,846
76	SPOKANE	WA	GEG	1,468,964	0.21	628,832,318	91.21	66,731	19,413,577
77	GREENSBORO	NC	GSO	1,402,775	0.20	630,235,093	91.41	74,399	19,487,976
78	LIHUE	HI	LIH	1,335,368	0.19	631,570,461	91.60	88,034	19,576,010
79	KAILUA/KONA	HI	KOA	1,286,032	0.19	632,856,493	91.79	39,021	19,615,031
80	RICHMOND	VA	RIC	1,285,536	0.19	634,142,029	91.98	86,293	19,701,324
81	LITTLE ROCK	AR	LIT	1,253,209	0.18	635,395,238	92.16	62,459	19,763,783
82	ROCHESTER	NY	ROC	1,207,456	0.18	636,602,694	92.34	93,006	19,856,789
83	DAYTON	OH	DAY	1,128,856	0.16	637,731,550	92.50	91,694	19,948,483
84	COLORADO SPRINGS	CO	COS	1,110,323	0.16	638,841,873	92.66	43,925	19,992,408
85	ISLIP	NY	ISP	1,040,475	0.15	639,882,348	92.81	40,976	20,033,384
86	SYRACUSE	NY	SYR	992,105	0.14	640,874,453	92.95	81,435	20,114,819
87	GRAND RAPIDS	MI	GRR	943,620	0.14	641,818,073	93.09	66,547	20,181,366
88	SAVANNAH	GA	SAV	875,158	0.13	642,693,231	93.22	33,204	20,214,570
89	CHARLESTON	SC	CHS	828,260	0.12	643,521,491	93.34	45,128	20,259,698
90	DES MOINES	IA	DSM	823,367	0.12	644,344,858	93.46	66,882	20,326,580
91	KNOXVILLE	TN	TYS	756,667	0.11	645,101,525	93.57	56,908	20,383,488
92	GREER	SC	GSP	750,723	0.11	645,852,248	93.68	53,160	20,436,648
93	MYRTLE BEACH	SC	MYR	735,165	0.11	646,587,413	93.79	26,990	20,463,638
94	HILO	HI	ITO	718,594	0.10	647,306,007	93.89	65,146	20,528,784
95	MADISON	WI	MSN	693,911	0.10	647,999,918	93.99	39,308	20,568,092
96	JACKSON	MS	JAN	671,471	0.10	648,671,389	94.09	37,531	20,605,623
97	PORTLAND	ME	PWM	665,166	0.10	649,336,555	94.19	48,474	20,654,097
98	SARASOTA/BRADENTON/	FL	SRQ	628,465	0.09	649,965,020	94.28	19,604	20,673,701
99	PALM SPRINGS	CA	PSP	625,411	0.09	650,590,431	94.37	37,741	20,711,442
100	HARRISBURG	PA	MDT	584,208	0.08	651,174,639	94.45	48,931	20,760,373
	101 thru 474			34,047,763	4.939	685,222,402	99.39	4,915,428	25,675,801

*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	2001	2010	2020	Annual Compound Growth Rate 2001-2010	Annual Compound Growth Rate 2010-2020
Large Hubs	32	486,287,893	600,388,222	818,486,507	2.37	3.15
Medium Hubs	35	128,502,719	149,583,390	198,354,195	1.70	2.86
Small Hubs	67	51,472,591	58,437,814	74,406,392	1.42	2.45
Non Hub Towers	340	18,959,199	21,889,413	26,891,302	1.61	2.08
Total	474	685,222,402	830,298,839	1,118,138,396	2.16	3.02

Operations at Towered Airports

	Count	2001	2010	2020	Annual Compound Growth Rate 2001-2010	Annual Compound Growth Rate 2010-2020
Large Hubs	32	15,155,519	16,960,025	20,931,646	1.26	2.13
Medium Hubs	35	7,889,047	8,734,771	10,513,572	1.14	1.87
Small Hubs	67	8,435,884	9,027,491	10,170,918	0.76	1.20
Non Hub Towers	340	35,045,093	39,398,571	44,739,348	1.31	1.28
Total	474	66,525,543	74,120,858	86,355,484	1.21	1.54

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										
1997	1,155,636	1,123,525	4,242,750	4,412,115	1,200,380	2,568,951	5,375,424	3,055,576	4,826,667	27,961,024
1998	1,186,497	1,134,501	4,281,424	4,439,708	1,267,232	2,574,557	5,483,123	3,116,888	4,689,649	28,173,579
1999	1,167,926	1,168,977	4,435,180	4,616,452	1,292,662	2,650,427	5,727,316	3,121,684	4,769,427	28,950,051
2000	1,230,883	1,162,891	4,575,892	4,712,689	1,332,178	2,722,860	5,962,742	3,195,105	4,864,507	29,759,747
2001	1,193,725	1,162,667	4,550,017	4,655,545	1,345,059	2,696,912	5,830,207	3,115,278	4,816,273	29,365,683
Forecast										
2002	1,204,236	1,130,527	4,189,183	4,568,264	1,212,998	2,598,828	5,682,729	3,072,621	4,473,055	28,132,441
2003	1,210,107	1,102,648	4,228,758	4,720,096	1,216,968	2,637,136	5,780,106	3,146,484	4,551,563	28,593,866
2004	1,220,926	1,122,000	4,343,580	4,811,001	1,241,764	2,710,398	5,919,602	3,217,528	4,675,293	29,262,092
2005	1,231,747	1,141,522	4,440,847	4,908,176	1,264,946	2,778,765	6,060,834	3,288,603	4,777,638	29,893,078
2006	1,242,566	1,161,206	4,539,062	5,001,208	1,286,500	2,842,643	6,202,612	3,359,665	4,872,872	30,508,334
2007	1,253,390	1,181,069	4,628,717	5,092,392	1,308,062	2,905,750	6,344,958	3,430,767	4,970,145	31,115,250
2008	1,264,210	1,201,109	4,719,138	5,184,464	1,329,625	2,968,823	6,487,855	3,501,884	5,070,068	31,727,176
2009	1,275,032	1,221,320	4,811,528	5,277,775	1,351,184	3,032,741	6,631,311	3,573,011	5,168,557	32,342,459
2010	1,285,856	1,241,720	4,903,908	5,370,291	1,372,747	3,096,450	6,775,361	3,644,158	5,268,267	32,958,758
2011	1,296,680	1,262,306	4,994,357	5,459,385	1,394,309	3,160,457	6,920,003	3,715,318	5,370,155	33,572,970
2012	1,307,502	1,283,079	5,086,186	5,550,077	1,415,870	3,224,576	7,065,266	3,786,484	5,476,230	34,195,270
2013	1,318,325	1,304,047	5,174,926	5,645,043	1,437,431	3,289,158	7,211,187	3,857,678	5,586,292	34,824,087
2014	1,329,146	1,325,215	5,266,134	5,739,140	1,458,996	3,354,049	7,357,773	3,928,888	5,701,215	35,460,556
2015	1,339,969	1,346,582	5,358,385	5,831,783	1,480,557	3,419,282	7,505,045	4,000,113	5,819,743	36,101,459
2016	1,350,793	1,368,159	5,451,643	5,926,087	1,502,118	3,484,703	7,653,008	4,071,348	5,940,590	36,748,449
2017	1,361,614	1,389,941	5,546,173	6,020,946	1,523,681	3,550,254	7,798,016	4,142,612	6,062,924	37,396,161
2018	1,372,437	1,411,941	5,641,118	6,115,449	1,545,239	3,615,438	7,947,226	4,213,884	6,187,256	38,049,988
2019	1,383,259	1,434,160	5,736,839	6,209,655	1,566,801	3,680,700	8,097,233	4,285,182	6,314,265	38,708,094
2020	1,394,092	1,456,610	5,834,127	6,304,377	1,588,374	3,746,088	8,248,089	4,356,521	6,444,367	39,372,645

*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										
1997	1,999,245	3,115,509	9,466,646	11,444,948	3,246,158	7,003,448	15,456,602	8,873,061	13,109,472	73,715,089
1998	2,043,616	3,177,046	9,642,397	11,890,484	3,419,126	7,276,009	16,272,885	9,165,718	12,895,877	75,783,158
1999	2,027,692	3,248,498	9,720,879	12,169,612	3,460,859	7,323,202	16,931,988	8,993,676	13,447,676	77,324,082
2000	2,088,076	3,329,544	9,906,567	12,350,868	3,465,267	7,612,668	17,362,817	9,255,597	13,493,700	78,865,104
2001	2,046,704	3,208,794	9,867,216	12,096,578	3,426,160	7,567,942	17,381,359	9,103,423	12,974,758	77,672,934
Forecast										
2002	2,032,151	3,185,279	9,391,619	11,990,784	3,270,676	7,455,063	17,121,231	9,178,841	12,630,230	76,255,874
2003	2,042,375	3,170,651	9,463,708	12,194,186	3,286,132	7,546,954	17,317,056	9,310,856	12,808,823	77,140,741
2004	2,057,552	3,201,237	9,611,205	12,333,176	3,322,422	7,673,578	17,612,546	9,438,655	13,024,190	78,274,561
2005	2,072,730	3,232,012	9,741,147	12,478,461	3,357,097	7,795,336	17,855,852	9,566,499	13,218,200	79,317,334
2006	2,087,903	3,263,091	9,872,051	12,619,693	3,390,135	7,912,603	18,099,759	9,694,415	13,405,116	80,344,766
2007	2,103,086	3,294,364	9,994,417	12,759,115	3,423,192	8,029,149	18,344,310	9,822,386	13,594,135	81,364,154
2008	2,118,261	3,325,818	10,117,328	12,899,421	3,456,248	8,145,652	18,589,344	9,950,373	13,785,834	82,388,279
2009	2,133,442	3,357,450	10,242,204	13,040,962	3,489,302	8,263,038	18,834,964	10,078,359	13,976,112	83,415,833
2010	2,148,622	3,389,275	10,367,078	13,181,728	3,522,361	8,380,236	19,081,223	10,206,374	14,167,654	84,444,551
2011	2,163,805	3,421,289	10,490,018	13,319,079	3,555,417	8,497,756	19,328,094	10,334,409	14,361,390	85,471,257
2012	2,178,982	3,453,496	10,614,328	13,458,032	3,588,470	8,615,404	19,575,612	10,462,440	14,559,341	86,506,105
2013	2,194,163	3,485,903	10,735,653	13,601,278	3,621,526	8,733,546	19,823,843	10,590,512	14,761,306	87,547,730
2014	2,209,339	3,518,519	10,859,449	13,743,659	3,654,585	8,852,006	20,072,705	10,718,599	14,968,171	88,597,032
2015	2,224,522	3,551,338	10,984,294	13,884,559	3,687,645	8,970,835	20,322,248	10,846,684	15,178,660	89,650,785
2016	2,239,701	3,584,367	11,110,134	14,027,122	3,720,695	9,089,859	20,572,435	10,974,783	15,391,486	90,710,582
2017	2,254,881	3,617,614	11,237,256	14,170,246	3,753,755	9,209,038	20,819,664	11,102,903	15,605,835	91,771,192
2018	2,270,059	3,651,078	11,364,786	14,312,992	3,786,804	9,327,860	21,071,055	11,231,020	15,822,202	92,837,856
2019	2,285,240	3,684,771	11,493,094	14,455,432	3,819,861	9,446,784	21,323,230	11,359,160	16,041,273	93,908,845
2020	2,300,434	3,718,712	11,623,001	14,598,427	3,852,939	9,565,906	21,576,280	11,487,371	16,263,500	94,986,570

*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										
1997	2,544,191	4,577,672	15,141,718	19,447,797	5,178,821	10,554,852	23,378,784	14,913,101	20,118,316	115,855,252
1998	2,665,228	4,701,462	15,813,453	20,433,417	5,555,826	11,148,169	24,727,804	15,648,104	20,020,755	120,714,218
1999	2,647,814	4,861,111	15,484,652	20,737,849	5,577,401	11,300,437	25,578,156	15,512,329	21,194,787	122,894,536
2000	2,696,720	5,078,781	15,791,953	21,033,125	5,591,858	11,709,156	26,110,643	16,271,050	21,482,929	125,766,215
2001	2,633,261	4,940,818	15,924,870	20,706,237	5,569,577	11,611,649	26,261,339	15,996,537	20,730,737	124,375,025
Forecast										
2002	2,602,515	4,882,795	15,457,182	20,693,410	5,363,278	11,530,498	25,950,194	16,009,279	20,222,409	122,711,560
2003	2,615,685	4,874,500	15,555,686	20,942,907	5,387,466	11,665,086	26,209,675	16,200,369	20,480,525	123,931,899
2004	2,633,811	4,911,442	15,729,496	21,127,291	5,432,496	11,834,089	26,567,370	16,389,160	20,774,577	125,399,732
2005	2,651,937	4,948,571	15,885,754	21,317,971	5,475,912	11,998,234	26,872,888	16,578,012	21,047,273	126,776,552
2006	2,670,056	4,986,057	16,042,949	21,504,571	5,517,684	12,157,862	27,178,993	16,766,972	21,312,844	128,137,988
2007	2,688,188	5,023,745	16,191,622	21,689,400	5,559,483	12,316,792	27,485,787	16,956,009	21,580,549	129,491,575
2008	2,706,312	5,061,614	16,340,868	21,875,125	5,601,281	12,475,689	27,793,081	17,145,075	21,850,947	130,849,992
2009	2,724,440	5,099,664	16,492,076	22,062,079	5,643,077	12,635,469	28,100,952	17,334,137	22,119,907	132,211,801
2010	2,742,571	5,137,905	16,643,292	22,248,280	5,684,878	12,795,072	28,409,494	17,523,243	22,390,155	133,574,890
2011	2,760,702	5,176,331	16,792,567	22,431,052	5,726,676	12,954,976	28,718,638	17,712,368	22,662,585	134,935,895
2012	2,778,826	5,214,953	16,943,209	22,615,435	5,768,466	13,115,024	29,028,436	17,901,488	22,939,227	136,305,064
2013	2,796,956	5,253,777	17,090,966	22,804,122	5,810,269	13,275,578	29,338,961	18,090,663	23,219,901	137,681,193
2014	2,815,081	5,292,809	17,241,197	22,991,933	5,852,069	13,436,438	29,650,086	18,279,835	23,505,460	139,064,908
2015	2,833,213	5,332,044	17,392,482	23,178,244	5,893,872	13,597,663	29,961,860	18,468,976	23,794,633	140,452,987
2016	2,851,340	5,371,484	17,544,754	23,366,190	5,935,659	13,759,059	30,274,222	18,658,102	24,086,125	141,846,935
2017	2,869,469	5,411,150	17,698,311	23,554,694	5,977,465	13,920,625	30,583,602	18,847,235	24,379,132	143,241,683
2018	2,887,594	5,451,028	17,852,274	23,742,794	6,019,252	14,081,818	30,897,100	19,036,335	24,674,147	144,642,342
2019	2,905,724	5,491,136	18,007,015	23,930,572	6,061,051	14,243,097	31,211,342	19,225,432	24,971,854	146,047,223
2020	2,923,871	5,531,505	18,163,389	24,118,926	6,102,882	14,404,626	31,526,472	19,414,618	25,272,746	147,459,035

*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										
1997	421,155	2,074,336	7,792,238	7,577,970	1,980,529	3,235,190	9,915,557	6,489,885	7,500,844	46,987,704
1998	432,096	2,143,663	8,044,206	7,899,440	2,070,968	3,248,337	10,152,682	6,766,319	7,433,213	48,190,924
1999	417,664	2,233,479	8,263,304	8,190,647	2,125,922	3,417,952	10,832,465	6,766,860	7,721,102	49,969,395
2000	478,024	2,211,979	8,376,164	8,281,516	2,127,907	3,591,511	11,108,132	6,813,727	7,998,878	50,987,838
2001	488,404	2,061,827	8,182,573	7,813,822	2,064,947	3,510,135	11,487,011	6,446,590	7,759,739	49,815,048
Forecast										
2002	499,039	2,043,698	7,668,555	7,384,301	1,942,305	3,428,969	13,347,971	6,467,303	7,317,567	50,099,708
2003	499,406	2,035,914	7,773,098	7,473,002	1,954,724	3,488,175	13,302,709	6,452,163	7,360,791	50,339,982
2004	512,463	2,089,953	7,956,517	7,661,984	2,005,903	3,574,263	13,630,981	6,598,136	7,541,593	51,571,793
2005	525,238	2,142,415	8,139,445	7,851,030	2,056,984	3,661,470	13,951,710	6,742,071	7,720,326	52,790,689
2006	536,389	2,188,296	8,312,510	8,026,529	2,103,618	3,746,469	14,232,336	6,873,409	7,886,636	53,906,192
2007	547,085	2,232,478	8,483,444	8,200,681	2,149,622	3,831,981	14,503,742	7,002,508	8,050,670	55,002,211
2008	557,833	2,277,357	8,655,808	8,377,086	2,195,949	3,918,941	14,778,541	7,134,288	8,218,657	56,114,460
2009	568,499	2,321,697	8,827,693	8,552,101	2,241,885	4,007,062	15,048,026	7,264,473	8,386,574	57,218,010
2010	579,445	2,367,231	9,002,489	8,730,613	2,288,687	4,097,323	15,323,623	7,397,767	8,559,070	58,346,248
2011	590,594	2,413,812	9,179,323	8,912,558	2,336,357	4,189,451	15,605,049	7,533,976	8,735,788	59,496,908
2012	602,025	2,461,597	9,359,042	9,098,177	2,384,936	4,283,835	15,892,744	7,673,390	8,917,120	60,672,866
2013	613,789	2,510,909	9,541,936	9,288,065	2,434,615	4,380,616	16,188,443	7,816,613	9,103,690	61,878,676
2014	626,064	2,562,760	9,728,571	9,483,822	2,485,921	4,479,930	16,497,956	7,965,506	9,297,622	63,128,152
2015	638,600	2,615,778	9,917,722	9,683,967	2,538,385	4,581,580	16,814,392	8,117,692	9,495,986	64,404,102
2016	651,401	2,669,980	10,109,406	9,888,619	2,592,025	4,685,630	17,137,948	8,273,275	9,698,898	65,707,182
2017	664,487	2,725,400	10,303,696	10,097,868	2,646,882	4,792,130	17,468,728	8,432,315	9,906,452	67,037,958
2018	677,851	2,782,084	10,500,604	10,311,827	2,702,974	4,901,146	17,806,961	8,594,883	10,118,779	68,397,109
2019	691,501	2,840,042	10,700,186	10,530,619	2,760,328	5,012,741	18,152,812	8,761,110	10,335,960	69,785,299
2020	705,441	2,899,310	10,902,484	10,754,342	2,818,983	5,126,964	18,506,441	8,931,026	10,558,125	71,203,116

*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										
1997	4,021,880	23,886,047	96,531,935	90,179,268	19,188,405	53,943,236	138,757,154	74,341,596	136,849,191	637,698,712
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	135,653,131	649,072,456
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	139,613,620	675,566,222
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	147,356,676	704,897,443
2001	3,798,921	24,717,820	107,822,991	98,933,227	22,838,711	55,632,278	153,153,919	78,005,388	144,514,206	689,417,461
Forecast										
2002	3,696,697	22,183,373	95,614,439	91,929,545	19,570,593	51,943,949	141,160,936	71,157,522	129,442,592	626,699,646
2003	3,725,605	21,570,502	99,368,431	96,990,723	20,041,236	52,964,729	145,540,005	72,837,404	135,094,014	648,132,649
2004	3,819,504	22,223,768	104,381,104	100,963,345	20,900,687	55,010,758	151,633,205	75,551,965	140,850,976	675,335,312
2005	3,929,234	22,923,061	109,154,356	104,892,045	21,792,301	57,063,502	157,915,767	78,414,318	145,843,525	701,928,109
2006	4,039,008	23,633,897	114,116,653	108,781,072	22,595,935	59,119,789	164,231,059	81,276,694	150,451,208	728,245,315
2007	4,148,779	24,356,635	118,851,031	112,708,979	23,399,576	61,180,110	170,580,783	84,139,061	155,316,238	754,681,192
2008	4,258,558	25,091,652	123,714,346	116,687,555	24,203,215	63,244,009	176,966,785	87,001,439	160,347,097	781,514,656
2009	4,368,322	25,839,336	128,393,881	120,665,041	25,006,847	65,315,138	183,390,962	89,863,805	165,316,412	808,159,744
2010	4,478,092	26,600,101	133,131,849	124,697,244	25,810,487	67,391,970	189,855,379	92,726,176	170,418,983	835,110,281
2011	4,587,867	27,374,356	137,817,571	128,755,634	26,614,125	69,471,210	196,362,156	95,588,550	175,619,590	862,191,059
2012	4,697,651	28,162,539	142,603,765	132,932,750	27,417,765	71,557,072	202,913,567	98,450,929	180,941,931	889,677,969
2013	4,807,400	28,965,085	147,367,350	137,183,563	28,221,394	73,648,492	209,511,956	101,313,296	186,443,523	917,462,059
2014	4,917,176	29,782,465	152,219,445	141,474,535	29,025,034	75,746,571	216,159,843	104,175,669	192,146,780	945,647,518
2015	5,026,945	30,615,152	157,242,572	145,808,687	29,828,670	77,849,656	222,859,866	107,038,035	198,063,095	974,332,678
2016	5,136,725	31,463,632	162,275,191	150,232,599	30,632,310	79,954,831	229,614,788	109,900,411	204,158,993	1,003,369,480
2017	5,246,488	32,328,422	167,473,029	154,770,562	31,435,944	82,066,775	236,406,983	112,762,685	210,394,311	1,032,885,199
2018	5,356,262	33,210,040	172,657,087	159,331,590	32,239,582	84,185,043	243,280,863	115,624,960	216,814,106	1,062,699,533
2019	5,466,032	34,109,032	177,941,112	163,921,795	33,043,219	86,311,078	250,219,180	118,487,235	223,411,693	1,092,910,376
2020	5,575,840	35,025,971	183,377,539	168,549,925	33,846,868	88,442,132	257,225,393	121,349,544	230,232,082	1,123,625,294

*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										
1997	5,369	9,553	18,879	29,089	6,412	18,432	30,629	20,814	36,418	175,595
1998	5,680	9,699	19,879	30,654	6,779	19,640	31,781	21,628	36,396	182,136
1999	5,673	9,873	20,015	31,043	6,776	20,570	31,967	21,434	36,610	183,961
2000	5,696	10,420	20,267	31,773	6,951	20,980	32,373	22,251	37,223	187,934
2001	5,629	10,546	21,764	32,647	7,049	22,010	33,988	23,813	38,008	195,454
Forecast										
2002	5,652	10,564	21,806	32,791	7,093	22,099	34,164	23,941	38,331	196,441
2003	5,679	10,593	21,895	32,955	7,154	22,291	34,457	24,159	38,699	197,882
2004	5,707	10,626	21,991	33,125	7,213	22,486	34,738	24,379	39,089	199,354
2005	5,734	10,657	22,095	33,295	7,274	22,700	35,041	24,610	39,483	200,889
2006	5,760	10,694	22,205	33,473	7,336	22,914	35,333	24,848	39,876	202,439
2007	5,788	10,722	22,297	33,639	7,397	23,105	35,623	25,061	40,249	203,881
2008	5,816	10,758	22,398	33,830	7,458	23,323	35,923	25,300	40,648	205,454
2009	5,842	10,793	22,500	33,996	7,520	23,530	36,223	25,527	41,038	206,969
2010	5,870	10,822	22,592	34,163	7,578	23,721	36,502	25,746	41,421	208,415
2011	5,899	10,869	22,733	34,392	7,650	23,977	36,852	25,995	41,831	210,198
2012	5,927	10,898	22,825	34,558	7,708	24,168	37,132	26,217	42,214	211,647
2013	5,953	10,933	22,927	34,728	7,770	24,375	37,431	26,443	42,604	213,164
2014	5,981	10,969	23,028	34,919	7,831	24,593	37,734	26,681	43,003	214,739
2015	6,009	10,997	23,120	35,082	7,892	24,784	38,020	26,896	43,376	216,176
2016	6,035	11,034	23,230	35,263	7,954	24,998	38,313	27,132	43,769	217,728
2017	6,062	11,065	23,334	35,432	8,015	25,212	38,615	27,363	44,163	219,261
2018	6,090	11,098	23,430	35,602	8,074	25,407	38,895	27,583	44,553	220,732
2019	6,117	11,127	23,518	35,770	8,135	25,599	39,178	27,799	44,921	222,164
2020	6,156	11,206	23,756	36,122	8,232	26,006	39,702	28,170	45,455	224,805

*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 Form 41, T-100 reports. Estimates include both scheduled and non-scheduled enplaned passengers.

Commuter Passengers

These data include originating passengers on scheduled commuter or regional carriers as reported on DOT Form 41 and 298-C. Carriers reporting on Form 298-C operate at least five scheduled round trips per week and its entire fleet consists of aircraft with 60 or fewer seats. Where possible, adjustments have been made to include connecting passengers.

FAA includes in the commuter category enplanements for those regional carriers that report on Form 41 as an air carrier but fly primarily commuter aircraft. The adjustment removes these enplanements from the air carrier category and places them into the commuter category. These carriers operate primarily as regional commuter carriers although they fly a small number of larger air carrier aircraft.

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 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 landings of aircraft going from one airport to another.

Instrument Operations

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

Primary Instrument Operations

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

Secondary Instrument Operations

These data show arrivals and departures at secondary airports.

Overflights

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

Table B-1.

List of Large Hub Towers

Location Identifyer	Region	Airport Name	City, State
ATL	ASO	THE WILLIAM B HARTSFIELD ATLANTA INTL	ATLANTA, GA
BOS	ANE	GENERAL EDWARD LAWRENCE LOGAN INTL	BOSTON, MA
BWI	AEA	BALTIMORE-WASHINGTON INTL	BALTIMORE, MD
CLT	ASO	CHARLOTTE/DOUGLAS INTL	CHARLOTTE, NC
CVG	ASO	CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL	COVINGTON/CINCINNATI, OH, KY
DCA	AEA	RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON, DC
DEN	ANM	DENVER INTL	DENVER, CO
DFW	ASW	DALLAS/FORT WORTH INTERNATIONAL	DALLAS-FORT WORTH, TX
DTW	AGL	DETROIT METROPOLITAN WAYNE COUNTY	DETROIT, MI
EWR	AEA	NEWARK 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	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 32 Airports.

Table B-2.

List of Medium Hub Towers

Location Identifyer	Region	Airport Name	City, State
ABQ	ASW	ALBUQUERQUE INTL SUNPORT	ALBUQUERQUE, NM
ANC	AAL	TED STEVENS ANCHORAGE INTL	ANCHORAGE, AK
AUS	ASW	AUSTIN-BERGSTROM INTL	AUSTIN, TX
BDL	ANE	BRADLEY INTL	WINDSOR LOCKS, CT
BNA	ASO	NASHVILLE INTL	NASHVILLE, TN
BUF	AEA	BUFFALO NIAGARA INTL	BUFFALO, NY
BUR	AWP	BURBANK-GLENDALE-PASADENA	BURBANK, CA
CLE	AGL	CLEVELAND-HOPKINS INTL	CLEVELAND, OH
CMH	AGL	PORT COLUMBUS INTL	COLUMBUS, OH
DAL	ASW	DALLAS LOVE FIELD	DALLAS, TX
HOU	ASW	WILLIAM P HOBBY	HOUSTON, TX
IND	AGL	INDIANAPOLIS INTL	INDIANAPOLIS, IN
JAX	ASO	JACKSONVILLE INTL	JACKSONVILLE, FL
MCI	ACE	KANSAS CITY INTL	KANSAS CITY, MO
MEM	ASO	MEMPHIS INTL	MEMPHIS, TN
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
OKC	ASW	WILL ROGERS WORLD	OKLAHOMA CITY, OK
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
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	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 35 Airports.

Table B-3.

List of Small Hub Towers

Location Identifyer	Region	Airport Name	City, State
ABE	AEA	LEHIGH VALLEY INTERNATIONAL	ALLENTOWN, PA
ACY	AEA	ATLANTIC CITY INTERNATIONAL	ATLANTIC CITY, NJ
ALB	AEA	ALBANY INTL	ALBANY, NY
AMA	ASW	AMARILLO INTL	AMARILLO, TX
BHM	ASO	BIRMINGHAM INTL	BIRMINGHAM, AL
BIL	ANM	BILLINGS LOGAN INTL	BILLINGS, MT
BOI	ANM	BOISE AIR TERMINAL/GOWEN FLD	BOISE, ID
BTR	ASW	BATON ROUGE METROPOLITAN, RYAN FIELD	BATON ROUGE, LA
BTV	ANE	BURLINGTON INTL	BURLINGTON, VT
CAE	ASO	COLUMBIA METROPOLITAN	COLUMBIA, SC
CAK	AGL	AKRON-CANTON REGIONAL	AKRON, OH
CHS	ASO	CHARLESTON AFB/INTL	CHARLESTON, SC
CID	ACE	THE EASTERN IOWA	CEDAR RAPIDS, IA
COS	ANM	CITY OF COLORADO SPRINGS MUNI	COLORADO SPRINGS, CO
CRP	ASW	CORPUS CHRISTI INTL	CORPUS CHRISTI, TX
DAY	AGL	JAMES M COX DAYTON INTL	DAYTON, OH
DSM	ACE	DES MOINES INTL	DES MOINES, IA
ELP	ASW	EL PASO INTL	EL PASO, TX
EUG	ANM	MAHLON SWEET FIELD	EUGENE, OR
FAI	AAL	FAIRBANKS INTL	FAIRBANKS, AK
FAT	AWP	FRESNO YOSEMITE INTERNATIONAL	FRESNO, CA
FSD	AGL	JOE FOSS FIELD	SIOUX FALLS, SD
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
LIH	AWP	LIHUE	LIHUE, HI
LIT	ASW	ADAMS FIELD	LITTLE ROCK, AR
MAF	ASW	MIDLAND INTERNATIONAL	MIDLAND, TX
MDT	AEA	HARRISBURG INTERNATIONAL	HARRISBURG, PA
MHT	ANE	MANCHESTER	MANCHESTER, NH
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
ORF	AEA	NORFOLK INTL	NORFOLK, VA
PNS	ASO	PENSACOLA REGIONAL	PENSACOLA, FL
PSP	AWP	PALM SPRINGS INTERNATIONAL	PALM SPRINGS, CA
PWM	ANE	PORTLAND INTL JETPORT	PORTLAND, ME

Table B-3.

List of Small Hub Towers

Location Identifyer	Region	Airport Name	City, State
RIC	AEA	RICHMOND INTERNATIONAL	RICHMOND, VA
ROC	AEA	GREATER ROCHESTER INTERNATIONAL	ROCHESTER, NY
SAV	ASO	SAVANNAH 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 67 Airports.

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
ABI	ASW	ABILENE REGIONAL	ABILENE, TX
ABY	ASO	SOUTHWEST GEORGIA REGIONAL	ALBANY, GA
ACK	ANE	NANTUCKET MEMORIAL	NANTUCKET, MA
ACT	ASW	WACO REGIONAL	WACO, TX
ADM	ASW	ARDMORE MUNI	ARDMORE, OK
ADQ	AAL	KODIAK	KODIAK, AK
ADS	ASW	ADDISON	DALLAS, TX
ADW	AEA	ANDREWS AFB	CAMP SPRINGS, MD
AEX	ASW	ALEXANDRIA INTL	ALEXANDRIA, LA
AFW	ASW	FORT WORTH ALLIANCE	FORT WORTH, TX
AGC	AEA	ALLEGHENY COUNTY	PITTSBURGH, PA
AGS	ASO	AUGUSTA RGNL AT BUSH FIELD	AUGUSTA, GA
AHN	ASO	ATHENS/BEN EPPS	ATHENS, GA
AKN	AAL	KING SALMON	KING SALMON, AK
ALN	AGL	ST LOUIS REGIONAL	ALTON/ST LOUIS, IL
ALO	ACE	WATERLOO MUNI	WATERLOO, IA
ALW	ANM	WALLA WALLA REGIONAL	WALLA WALLA, WA
ANE	AGL	ANOKA COUNTY-BLAINE ARPT(JANES FIELD)	MINNEAPOLIS, MN
APA	ANM	CENTENNIAL	DENVER, CO
APC	AWP	NAPA COUNTY	NAPA, CA
APF	ASO	NAPLES MUNI	NAPLES, FL
ARA	ASW	ACADIANA REGIONAL	NEW IBERIA, LA
ARB	AGL	ANN ARBOR MUNI	ANN ARBOR, MI
ARR	AGL	AURORA MUNI	CHICAGO/AURORA, IL
ASE	ANM	ASPEN-PITKIN CO/SARDY FIELD	ASPEN, CO
ASG	ASW	SPRINGDALE MUNI	SPRINGDALE, AR
ASH	ANE	BOIRE FIELD	NASHUA, NH
ATW	AGL	OUTAGAMIE COUNTY REGIONAL	APPLETON, WI
AVL	ASO	ASHEVILLE REGIONAL	ASHEVILLE, NC
AVP	AEA	WILKES-BARRE/SCRANTON INTL	WILKES-BARRE/SCRANTON, PA
AZO	AGL	KALAMAZOO/BATTLE CREEK INTERNATIONAL	KALAMAZOO, MI
BAF	ANE	BARNES MUNI	WESTFIELD, 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	BINGHAMTON REGIONAL/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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
CCR	AWP	BUCHANAN FIELD	CONCORD, CA
CDW	AEA	ESSEX COUNTY	CALDWELL, NJ
CGF	AGL	CUYAHOGA COUNTY	CLEVELAND, OH
CGX	AGL	MERRILL C MEIGS	CHICAGO, IL
CHA	ASO	LOVELL FIELD	CHATTANOOGA, TN
CHD	AWP	CHANDLER MUNI	CHANDLER, AZ
CHO	AEA	CHARLOTTESVILLE-ALBEMARLE	CHARLOTTESVILLE, VA
CIC	AWP	CHICO MUNI	CHICO, CA
CKB	AEA	HARRISON/MARION REGIONAL	CLARKSBURG, WV
CLL	ASW	EASTERWOOD FIELD	COLLEGE STATION, TX
CMA	AWP	CAMARILLO	CAMARILLO, CA
CMI	AGL	UNIVERSITY OF ILLINOIS-WILLARD	CHAMPAIGN/URBANA/, IL
CNO	AWP	CHINO	CHINO, CA
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
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
ESF	ASW	ESLER REGIONAL	ALEXANDRIA, LA
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
FCM	AGL	FLYING CLOUD	MINNEAPOLIS, MN
FFZ	AWP	FALCON FLD	MESA, AZ
FLG	AWP	FLAGSTAFF PULLIAM	FLAGSTAFF, AZ
FLO	ASO	FLORENCE REGIONAL	FLORENCE, SC

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
FMN	ASW	FOUR CORNERS REGIONAL	FARMINGTON, NM
FMY	ASO	PAGE FIELD	FORT MYERS, FL
FNT	AGL	BISHOP INTERNATIONAL	FLINT, MI
FOE	ACE	FORBES FIELD	TOPEKA, KS
FPR	ASO	ST LUCIE COUNTY INTL	FORT PIERCE, FL
FRG	AEA	REPUBLIC	FARMINGDALE, NY
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
GCC	ANM	GILLETTE-CAMPBELL COUNTY	GILLETTE, WY
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	GREGG COUNTY	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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
INT	ASO	SMITH REYNOLDS	WINSTON SALEM, NC
IPT	AEA	WILLIAMSPORT RGNL	WILLIAMSPORT, PA
ISM	ASO	KISSIMMEE MUNI	ORLANDO, FL
ISO	ASO	KINSTON RGNL JETPORT AT STALLINGS FLD	KINSTON, NC
ITH	AEA	ITHACA TOMPKINS REGIONAL	ITHACA, NY
IWA	AWP	WILLIAMS GATEWAY	PHOENIX, AZ
IXD	ACE	NEW CENTURY AIRCENTER	OLATHE, KS
JAC	ANM	JACKSON HOLE	JACKSON, WY
JEF	ACE	JEFFERSON CITY MEML	JEFFERSON CITY, MO
JLN	ACE	JOPLIN REGIONAL	JOPLIN, MO
JNU	AAL	JUNEAU INTL	JUNEAU, AK
JQF	ASO	CONCORD REGIONAL	CONCORD, NC
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
LCH	ASW	LAKE CHARLES REGIONAL	LAKE CHARLES, LA
LEB	ANE	LEBANON MUNI	LEBANON, NH
LFT	ASW	LAFAYETTE REGIONAL	LAFAYETTE, LA
LGB	AWP	LONG BEACH /DAUGHERTY FIELD/	LONG BEACH, CA
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
MHR	AWP	SACRAMENTO MATHER	SACRAMENTO, CA
MIC	AGL	CRYSTAL	MINNEAPOLIS, MN
MIE	AGL	DELAWARE COUNTY-JOHNSON FIELD	MUNCIE, IN
MKC	ACE	KANSAS CITY 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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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
MWH	ANM	GRANT COUNTY INTL	MOSES LAKE, WA
MYF	AWP	MONTGOMERY FIELD	SAN DIEGO, CA
NEW	ASW	LAKEFRONT	NEW ORLEANS, LA
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
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	REDBIRD	DALLAS, TX

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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	MARIETTA, GA
SAC	AWP	SACRAMENTO EXECUTIVE	SACRAMENTO, CA
SAF	ASW	SANTA FE MUNI	SANTA FE, NM
SBP	AWP	SAN LUIS OBISPO COUNTY-MC CHESNEY FIELD	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
SGR	ASW	SUGAR LAND MUNI/HULL FIELD	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	SIOUX CITY, IA
SWF	AEA	STEWART INT'L	NEWBURGH, NY
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

Table B-4.

List of Non-Hub Towers

Location Identifyer	Region	Airport Name	City, State
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 FIELD	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
VGT	AWP	NORTH LAS VEGAS	LAS VEGAS, NV
VLD	ASO	VALDOSTA RGNL	VALDOSTA, GA
VNY	AWP	VAN NUYS	VAN NUYS, CA
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 340 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, 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
CGX	AGL	MERRILL C MEIGS	CHICAGO, IL
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
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
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
ESF	ASW	ESLER REGIONAL	ALEXANDRIA, LA
EWB	ANE	NEW BEDFORD REGIONAL	NEW BEDFORD, MA
EWN	ASO	CRAVEN COUNTY REGIONAL	NEW BERN, NC

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
EYW	ASO	KEY WEST INTL	KEY WEST, FL
FLG	AWP	FLAGSTAFF PULLIAM	FLAGSTAFF, AZ
FMN	ASW	FOUR CORNERS REGIONAL	FARMINGTON, NM
FMY	ASO	PAGE FIELD	FORT MYERS, FL
FOE	ACE	FORBES FIELD	TOPEKA, KS
FTY	ASO	FULTON COUNTY AIRPORT-BROWN FIELD	ATLANTA, GA
FUL	AWP	FULLERTON MUNI	FULLERTON, CA
FYV	ASW	DRAKE FIELD	FAYETTEVILLE, AR
GCC	ANM	GILLETTE-CAMPBELL COUNTY	GILLETTE, WY
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 MUNI	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

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
LAL	ASO	LAKELAND LINDER RGNL	LAKELAND, FL
LAW	ASW	LAWTON-FORT SILL REGIONAL	LAWTON, OK
LEB	ANE	LEBANON MUNI	LEBANON, NH
LIH	AWP	LIHUE	LIHUE, HI
LMT	ANM	KLAMATH FALLS INTERNATIONAL	KLAMATH FALLS, OR
LNS	AEA	LANCASTER	LANCASTER, PA
LRD	ASW	LAREDO INTL	LAREDO, TX
LSE	AGL	LA CROSSE MUNI	LA CROSSE, WI
LUK	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
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
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
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

Table B-5.

List of FAA Contract Towers

Location Identifyer	Region	Airport Name	City, State
RAP	AGL	RAPID CITY REGIONAL	RAPID CITY, SD
RBD	ASW	REDBIRD	DALLAS, TX
RDD	AWP	REDDING MUNI	REDDING, CA
RDM	ANM	ROBERTS FIELD	REDMOND, OR
RNT	ANM	RENTON MUNI	RENTON, WA
RYN	AWP	RYAN FIELD	TUCSON, AZ
RYY	ASO	COBB COUNTY-MC COLLUM FIELD	MARIETTA, GA
SAC	AWP	SACRAMENTO EXECUTIVE	SACRAMENTO, CA
SAF	ASW	SANTA FE MUNI	SANTA FE, NM
SBP	AWP	SAN LUIS OBISPO COUNTY-MC CHESNEY FIELD	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
SGR	ASW	SUGAR LAND MUNI/HULL FIELD	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
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 FIELD	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
VLD	ASO	VALDOSTA RGNL	VALDOSTA, GA
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 208 Airports.