

Terminal Area Forecast Summary



**Fiscal Years
2003-2020**



March 2004

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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 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.

A handwritten signature in black ink, appearing to read "Robert L. Bowles", written over a horizontal line.

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Acknowledgments

This document was prepared by the Statistics and Forecast Branch of the FAA Office of Aviation Policy and Plans under the direction of Robert L. Bowles, Manager, Statistics and Forecast Branch. Daniel E. Taylor and Peter LeBoff have primary responsibility for the development of the forecasts. Roger Schaufele and Cheryl Miner, industry economists, also contributed their valuable support in the development of forecasts for the 35 Operational Evolution Plan (OEP) airports.

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 who provided valuable programming support for 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 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 airports¹ 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 airports² 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.

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.

³ Operations data for FAA towers and Federal contract towers for 2003 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 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

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.

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.

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

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** | | | | | Airport Ranking | |
|--------|-----|--|--------|---------|--------|--------|--------|-----------------|------|
| | | | 2002 | Percent | 2003 | 2007 | 2020 | 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

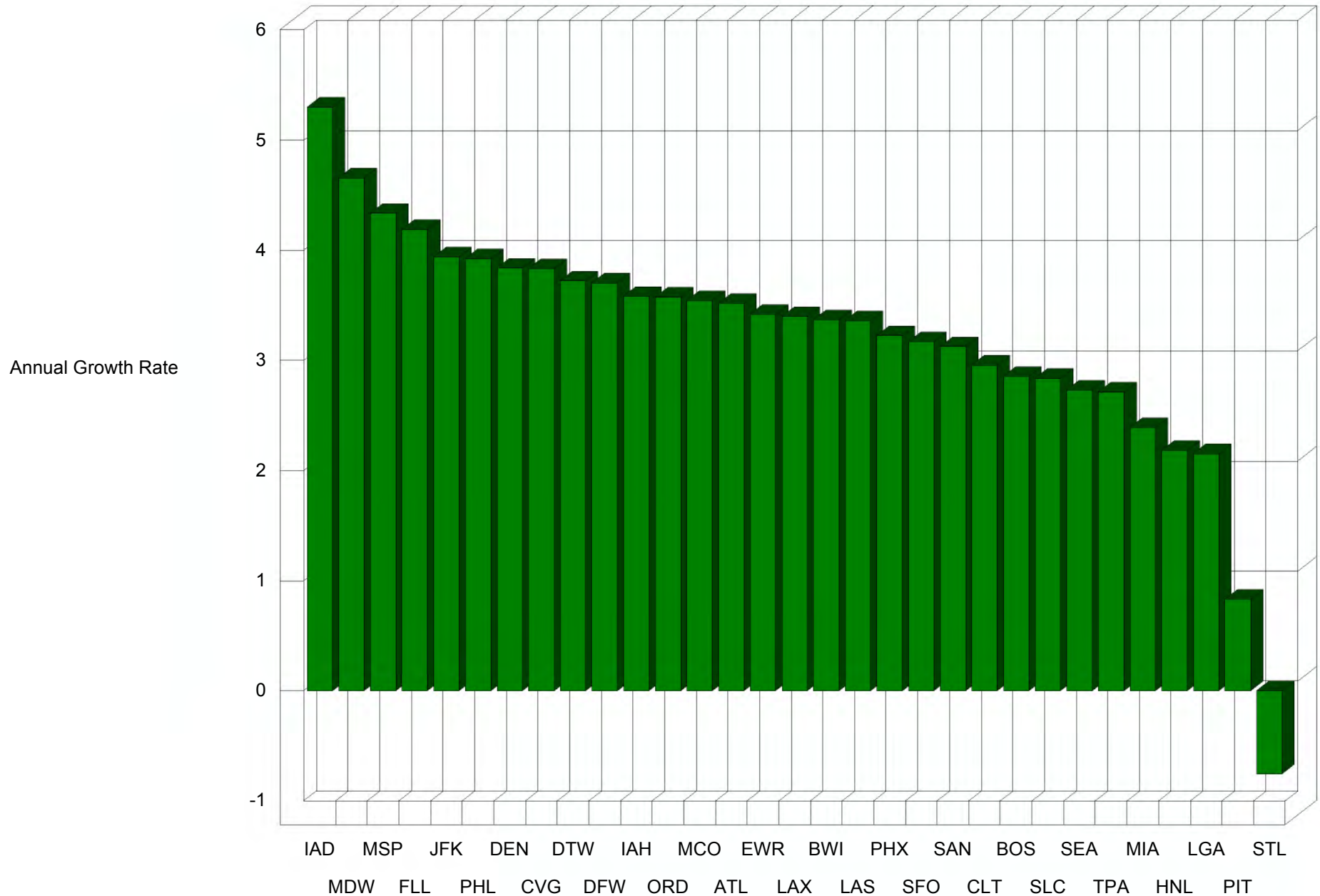


Table S-2.
Airport Operations At Large Hub Airports*
(In Thousands)

| Loc ID | Reg | Airport Name | 2002** | | 2003 | 2007 | 2020 | Airport Ranking | |
|--------|-----|--|--------|---------|------|-------|-------|-----------------|------|
| | | | 2002 | Percent | | | | 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

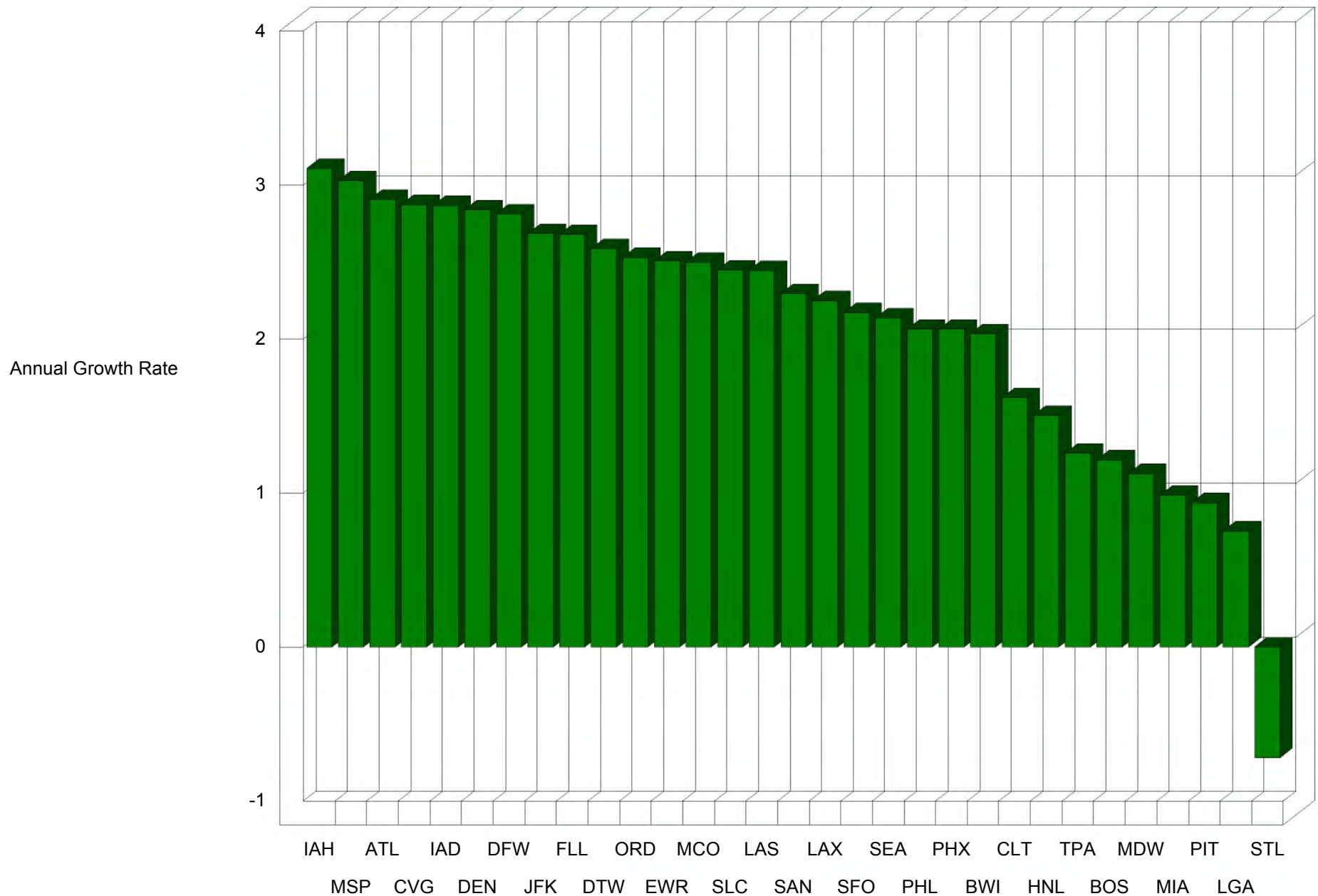


Table S-3. Air Traffic Control Towers and Contract Towers by Region and State

As of September 30, 2002

| Region/State | FAA Towers | Contract Towers | Region/State | FAA Towers | Contract Towers |
|---------------------------|---------------|--------------------|------------------------|---------------|--------------------|
| Alaska | | | Southern | | |
| Alaska | 4 | 4 | Alabama | 4 | 3 |
| Regional Total | 4 | 4 | Florida | 18 | 18 |
| Central | | | Georgia | 5 | 7 |
| Iowa | 4 | 1 | Kentucky | 4 | 2 |
| Kansas | 1 | 8 | Mississippi | 2 | 4 |
| Missouri | 5 | 4 | North Carolina | 6 | 5 |
| Nebraska | 2 | 1 | Puerto Rico | 1 | 1 |
| Regional Total | 12 | 14 | South Carolina | 5 | 2 |
| Eastern | | | Tennessee | 5 | 3 |
| District of Columbia | 2 | 0 | Virgin Islands | 1 | 1 |
| Delaware | 1 | 0 | Regional Total | 51 | 46 |
| Maryland | 2 | 3 | Southwest | | |
| New Jersey | 5 | 1 | Arkansas | 2 | 4 |
| New York | 12 | 4 | Louisiana | 7 | 5 |
| Pennsylvania | 9 | 4 | New Mexico | 2 | 3 |
| Virginia | 5 | 2 | Oklahoma | 3 | 6 |
| West Virginia | 3 | 4 | Texas | 19 | 13 |
| Regional Total | 39 | 18 | Regional Total | 33 | 31 |
| Great Lakes | | | Western Pacific | | |
| Illinois | 11 | 6 | American Samoa | 1 | 0 |
| Indiana | 6 | 4 | Arizona | 7 | 7 |
| Michigan | 11 | 4 | California | 33 | 20 |
| Minnesota | 6 | 1 | Guam | 0 | 1 |
| North Dakota | 3 | 1 | Hawaii | 3 | 3 |
| Ohio | 7 | 5 | Nevada | 3 | 2 |
| South Dakota | 1 | 1 | South Pacific | 1 | 1 |
| Wisconsin | 3 | 8 | Regional Total | 48 | 34 |
| 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 | | | |
| | | | | | |
| | | | 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 itinerant air carrier and air taxi only.

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

Enplanements at Towered Airports

| | Count | 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 | 62,493,908 | 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 | | Airport Name | City, State |
|------------|--------|--|------------------------------|
| Identifier | Region | | |
| 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 | | Airport Name | City, State |
|------------|--------|---|---------------------|
| Identifier | Region | | |
| 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 Identifier | 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 | | Airport Name | City, State |
|---------------------|--------|------------------------------------|------------------------------|
| Identifier | Region | | |
| 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 Identifier | 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 Identifier | 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 Identifier | 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 |
| GYG | 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 Identifier | 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 Identifier | 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 Identifier | 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 ROHLSSEN | 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 | | | |
|------------|--------|--------------------------------------|-----------------------|
| Identifier | Region | Airport Name | City, State |
| VCV | AWP | SOUTHERN CALIFORNIA LOGISTICS | VICTORVILLE, CA |
| VGX | 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 Identifier | 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 Identifier | 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 |
| GYG | 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 Identifier | 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 | | Airport Name | City, State |
|------------|--------|--|------------------------------|
| Identifier | Region | | |
| 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 ROHLSSEN | 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.

