



# AIRPORT SUMMARY

## The Kansas Airport System

There is a strong relationship between Kansas' economy and aviation. The state's system of seven commercial service and 73 general aviation airports, listed in the National Plan of Integrated Airports System (NPIAS), provide the gateway to the nation's air transportation system and the world's economy. Airports support the Kansas economy by increased efficiency and productivity for all business activity, including the transportation of passengers for both recreational and business purposes. Airports are important economic catalysts, supporting thousands of jobs and billions of dollars in economic activity. Most of Kansas' largest employers - both large and small - rely on the state's aviation system to transport employees, customers, supplies, and products. Kansas' 80 NPIAS airports serve as the base of operations for a variety of businesses, including airlines, air cargo companies, flight instructors, charters, concessionaries, government entities, and many others. Kansas tourism industry also depends on the state's system of airports to accommodate thousands of visitors each year.

## Study Process

The Kansas Department of Transportation, Division of Aviation, implemented this study through a Federal Aviation Administration (FAA) grant, to quantify the economic impact and relationship between the state's system of airports and the economy. The study follows an approved methodology that has successfully quantified the value of airports and airport systems throughout the United States.

The economic contribution of each NPIAS airport in Kansas was measured in terms of employment, payroll, and output. A comprehensive survey process was used to calculate the direct economic benefits related to on-airport businesses and government agencies, including the indirect benefits associated with visitor-related expenditures. Secondary, or induced, impacts from these airport activities were calculated using economic models specific to Kansas. For example, when an airport employee purchases goods and services, those dollars circulate through the local economy which results in additional economic activity in the region. The total economic impact is the sum of all direct, indirect, and multiplier impacts.

## Statewide Impacts

Based on information gathered during the study, approximately 91,000 jobs are attributed to the aviation industry, including 42,000 from Aerospace Manufacturing. These employees receive more than \$4.4 billion in total payroll, and generate more than \$20.5 billion in total economic activity. In addition, the 80 NPIAS airports in Kansas provide a number of health, welfare, and safety benefits, including aerial agricultural spraying, medical transport and evacuation, emergency response, search and rescue, flight training, law enforcement, wildlife management, military training, search and rescue operations, and education.

## Kansas' Total Annual Economic Benefits from Aviation

|                      |                       |
|----------------------|-----------------------|
| <b>Total Jobs</b>    | <b>91,279</b>         |
| <b>Total Payroll</b> | <b>\$4.4 Billion</b>  |
| <b>Total Output</b>  | <b>\$20.6 Billion</b> |

## Impact Measures

**Employment** measures the number of full-time equivalent (FTE) jobs related to airport activity including on-airport construction. A part-time employee counts as half a full-time employee.

**Payroll** measures the total annual wages and benefits paid to all workers whose salaries are directly attributable to airport activity.

**Economic Activity (Output)** measures the value of goods and services related to airports in Kansas. The output from on-airport business activity is assumed to be the sum of annual gross sales and average annual capital expenditures.

# MANHATTAN REGIONAL (MHK)

Manhattan Regional Airport is located in North Central Kansas in the Flint Hills region. The airport is included in the FAA's National Plan of Integrated Airport Systems (NPIAS), making it eligible to receive federal monies. Additionally, its role within the Kansas Aviation System Plan is identified as a commercial airport. Commercial airports accommodate scheduled air carrier service as well as all general aviation aircraft.

MHK can accommodate a variety of aircraft, including jet aircraft. The primary Runway 03/21, is 7,000 feet long and is equipped with an ILS approach. The field also has on-site weather reporting. The airport enplanes over 63,000 passengers and accommodates approximately 30,000 annual operations.

American Eagle provides daily nonstop commercial airline service to Dallas and Chicago using regional jet aircraft. Enterprise Rental Car and Hertz Rental Car offer car rental services.

Kansas Jet Center provides fixed base operator services including aircraft fueling, crew cars, catering, pilot lounge and flight planning services. Heartland Aviation provides aircraft maintenance services, while Flex Air Inc. provide classroom instruction and flight training.

MHK is located adjacent to Fort Riley, a U.S. Army facility that is home to the Big Red One. The airport is an ideal staging area for moving heavy military equipment and troops. On average, the military uses the airport for transports on a monthly basis.

Kansas State University (KSU) is another key user of the airport that relies on the airport for official business. The airport also accommodates those traveling to university sporting events.

Other common sources of air traffic include monthly flights from Children's Mercy Hospital, performers and spectators for the annual "Country Stampede", and fishermen, spectators, and media for the large fishing tournaments in nearby Junction City.

## MANHATTAN REGIONAL

### First Round Impacts

**Direct Output**  
\$18,056,200

**Indirect Output**  
\$14,706,200

**Second Round Impacts**

**Induced Output**  
\$23,245,800

### Total Impacts

|                      |              |
|----------------------|--------------|
| <b>Total Jobs</b>    | 494          |
| <b>Total Payroll</b> | \$14,263,400 |
| <b>Total Output</b>  | \$56,008,200 |

### Impact Types

**First Round Impacts** include both direct and indirect impacts. Direct impacts are those benefits associated with on-airport businesses and government tenants. Indirect impacts generally take place off-airport and are usually attributable to visitor spending.

**Second Round Impacts** consist of induced impacts, which are those benefits that result from the recirculation and re-spending of direct and indirect impacts within the economy. This re-circulation is commonly referred to as the "multiplier effect."

**Total Impacts** are the combination of all first-round and second-round impacts.